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LUNAR PHASE NUMBERS ν AND ν' FOR YEARS 1850 TO 2050

BY

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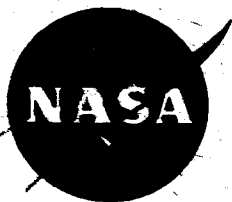
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GODDARD SPACE FLIGHT CENTER
GREENBELT, MARYLAND

(Prepared in part for the IAGA-IAMAP Joint Committee on Lunar Effects)

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ABSTRACT

For analyses of lunar effects on geophysical phenomena the phase of the mean moon is more useful than that of the apparent moon. Tables of the lunar phase number v and those of integral phase number v' introduced by Bartels are given for Greenwich mean noon on each day of the years 1900 to 2050. A list of dates of new moon over this period is also given.

1. Introduction

For harmonic analyses of tidal effects in geophysical phenomena, reductions of observational data are commonly made with reference to the mean moon rather than to the apparent moon. The mean moon is defined, analogously with the mean sun, by a fictitious moon that revolves around the earth uniformly. Bartels and Fanselau (1937-1938) gave a formulae and a table for the lunar phase number μ (see Section for the definition); values of μ were given to the second decimal for Greenwich mean noon on the first day of each month in the years 1850 to 1975. However, for most statistical purposes precise values of μ , or $\nu (=24 - \mu)$, are not required. Hence Bartels and Fanselau gave in their 1937 paper a table that facilitates calculation of μ to the nearest integer for each day of the same period, and published (1938a) a table of values of μ for the period 1850 to 1975. Later Bartels introduced an integral lunar phase number by taking a whole number for ν and, when the number equals or exceeds 12, he subtracted 12 from it. Bartels called the lunar phase number so defined "L", but Chapman has recently proposed to denote it by ν' . Bartels (1954) published tables of L and other indices of geophysical importance for the years 1902 to 1952 in a report from the Geophysical Institute, University of Alaska, which, however, is now not readily obtainable.

A computer program has been made to calculate ν and to convert it to ν' , and these computations have been made with an IBM 7094 computer. This report provides tables of daily values of ν to the second decimal and of ν' both for the years 1900 to 2050. In his tables of L, Bartels used the lower case "o" for new moon and the upper case "O" for full moon.

In the tables of v' given in the present report this distinction is not made; instead a separate list of dates of new moon over the same period is provided in Table 3.

2. The definitions of v and v'

Mean solar time t is defined with reference to the mean sun. By analogy with mean solar time, a mean lunar time τ is defined with respect to the mean moon that can be imagined to revolve about the earth with a uniform angular speed. The lower transit of the mean moon defines the hour $\tau=0$, corresponding to midnight in mean solar time; and τ increases monthly from 0 (lunar) hour to 24 (lunar) hours; at the latter moment the next lower transit takes place. Twenty-four lunar hours so defined is approximately equal to $24^h 50.47^m$ in solar time. The moon's sidereal period of rotation about the earth is approximately $27^d 7^h 43^m$, and the time between two successive crossings by the moon of the meridian half-plane (through the earth's center) containing the sun is 29.5306 days; this defines one synodic month.

The phase, or age, of the mean moon is defined by the angle v between the meridian half-plane containing the mean moon and that containing the mean sun; it is reckoned positively eastward either in hours or in angular measure. In what follows u and v are measured in hours. Figure 1 illustrates the definitions of t , τ , and v . For a more complete discussion, see Chapman and Bartels (1940). The u integers which Bartels and Fanslau (1938a) tabulated, are related to the v integers by the relation

$$u = 24 - v$$

The local mean solar time t and the local mean lunar time τ are related to v by the equation

$$t = \tau + v$$

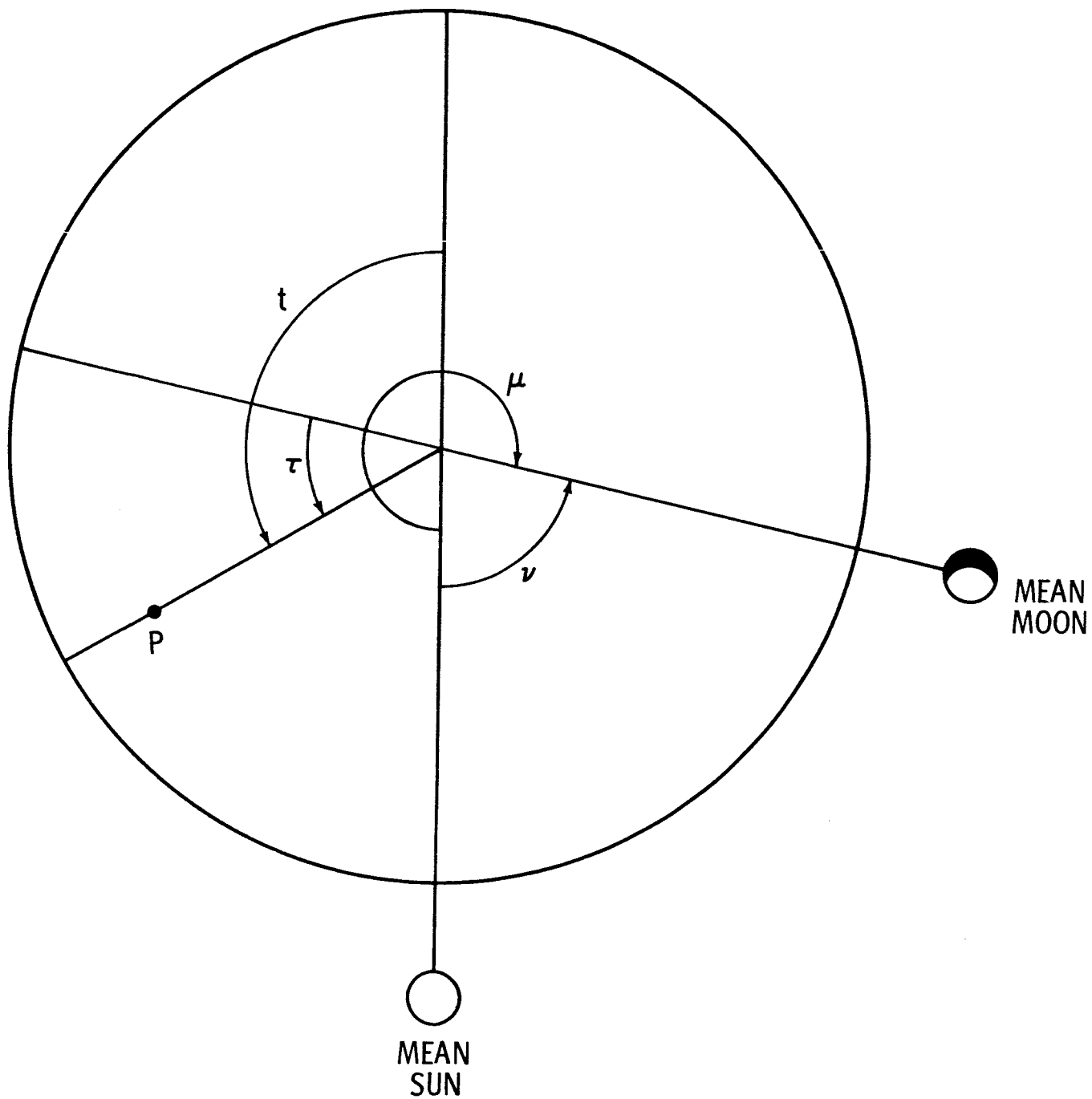


Figure 1. Illustrating the lunar phase μ and ν ; t and τ are local mean solar time and local mean lunar time, respectively, at P.

The lunar phase number ν' is defined by

$$\nu' = [\nu] \quad \text{for } 0 \leq \nu < 12$$

$$\nu' = [\nu - 12] \quad \text{for } 12 \leq \nu < 24$$

where $[x]$ signifies an integral number closest to x .

In Tables 1 and 2 the lunar phase numbers ν and ν' respectively are given at the time of Greenwich mean noon.

At new moon $\nu = 0^h$ and ν increases at the rate 0.81272 hours per day; ν is 6^h at first quarter or half-moon, 12^h at full moon, and 18^h at third quarter. The values of ν' for new moon and full moon are both 0^h , and 6^h for half-moon at first and third quarters.

3. Method of calculation

The lunar phase ν given in this report has been calculated using the same formulas as those used by Bartels and Fanslau (1937); namely, the mean longitude λ_S of the sun and the mean longitude λ_M of the moon are respectively computed by the following formulas:

$$\lambda_S = 280.682325 + 0.985647335387t_d + 0.00030T^2$$

$$\lambda_M = 283.612983 + 13.176396730246t_d + 0.00198T^2$$

where t_d is the number of days that have elapsed since 12 hours Greenwich Mean Time on January 1, 1900, and where T is the same time measured in the Julian century of 36525 days as unit. These formulas are based on Brown's Tables (1919).

When λ_M and λ_S are computed, the difference $\lambda_M - \lambda_S$ gives ν . With these formulas, calculations of λ_M, λ_S and ν were made with an IBM 7094 computer in double precision with 16 effective digits. The program written in FORTRAN IV for the present computation will be made available to those who wish to use it for the purpose of punching ν or ν' on

cards or of storing the necessary values on magnetic tape.

Acknowledgements

The present computation was made as a part of a project of compiling various geomagnetic tables undertaken jointly with Professor Sydney Chapman and the late Professor Julius Bartels. The authors wish to thank Professor Chapman for valuable discussions

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TABLE 1 LUNAR PHASE MU

YEAR 1850

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	14.36	15.56	14.31	15.51	15.89	17.08	17.47	18.66	19.85	20.24	21.43	21.81
2	15.18	16.37	15.13	16.32	16.70	17.90	18.28	19.47	20.67	21.05	22.24	22.62
3	15.99	17.18	15.94	17.13	17.52	18.71	19.09	20.29	21.48	21.86	23.06	23.44
4	16.80	18.00	16.75	17.95	18.33	19.52	19.90	21.10	22.29	22.67	23.87	0.25
5	17.62	18.81	17.57	18.76	19.14	20.34	20.72	21.91	23.11	23.49	0.68	1.06
6	18.43	19.62	18.38	19.57	19.95	21.15	21.53	22.72	23.92	0.30	1.49	1.88
7	19.24	20.43	19.19	20.39	20.77	21.96	22.34	23.54	0.73	1.11	2.31	2.69
8	20.05	21.25	20.00	21.20	21.58	22.77	23.16	0.35	1.54	1.93	3.12	3.50
9	20.87	22.06	20.82	22.01	22.39	23.59	23.97	1.16	2.36	2.74	3.93	4.31
10	21.68	22.87	21.63	22.82	23.20	0.40	0.78	1.97	3.17	3.55	4.74	5.13
11	22.49	23.69	22.44	23.64	0.02	1.21	1.59	2.79	3.98	4.36	5.56	5.94
12	23.30	0.50	23.25	0.45	0.83	2.02	2.41	3.60	4.79	5.18	6.37	6.75
13	0.12	1.31	0.07	1.26	1.64	2.84	3.22	4.41	5.61	5.99	7.18	7.56
14	0.93	2.12	0.88	2.07	2.46	3.65	4.03	5.23	6.42	6.80	8.00	8.38
15	1.74	2.94	1.69	2.89	3.27	4.46	4.84	6.04	7.23	7.61	8.81	9.19
16	2.56	3.75	2.51	3.70	4.08	5.28	5.66	6.85	8.05	8.43	9.62	10.00
17	3.37	4.56	3.32	4.51	4.89	6.09	6.47	7.66	8.86	9.24	10.43	10.82
18	4.18	5.37	4.13	5.33	5.71	6.90	7.28	8.48	9.67	10.05	11.25	11.63
19	4.99	6.19	4.94	6.14	6.52	7.71	8.09	9.29	10.48	10.86	12.06	12.44
20	5.81	7.00	5.76	6.95	7.33	8.53	8.91	10.10	11.30	11.68	12.87	13.25
21	6.62	7.81	6.57	7.76	8.14	9.34	9.72	10.91	12.11	12.49	13.68	14.07
22	7.43	8.63	7.38	8.58	8.96	10.15	10.53	11.73	12.92	13.30	14.50	14.88
23	8.24	9.44	8.19	9.39	9.77	10.96	11.35	12.54	13.73	14.12	15.31	15.69
24	9.06	10.25	9.01	10.20	10.58	11.78	12.16	13.35	14.55	14.93	16.12	16.50
25	9.87	11.06	9.82	11.01	11.40	12.59	12.97	14.17	15.36	15.74	16.94	17.32
26	10.68	11.88	10.63	11.83	12.21	13.40	13.78	14.98	16.17	16.55	17.75	18.13
27	11.50	12.69	11.45	12.64	13.02	14.22	14.60	15.79	16.99	17.37	18.56	18.94
28	12.31	13.50	12.26	13.45	13.83	15.03	15.41	16.60	17.80	18.18	19.37	19.76
29	13.12		13.07	14.27	14.65	15.84	16.22	17.42	18.61	18.99	20.19	20.57
30	13.93		13.88	15.08	15.46	16.65	17.03	18.23	19.42	19.80	21.00	21.38
31	14.75		14.70		16.27		17.85	19.04		20.62		22.19

TABLE 1 (CONTINUED) LUNAR PHASE MU

YEAR 1851

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	23.01	0.20	22.96	0.15	0.53	1.73	2.11	3.30	4.50	4.88	6.07	6.45
2	23.82	1.01	23.77	0.96	1.34	2.54	2.92	4.11	5.31	5.69	6.88	7.27
3	0.63	1.83	0.58	1.78	2.16	3.35	3.73	4.93	6.12	6.50	7.70	8.08
4	1.44	2.64	1.39	2.59	2.97	4.16	4.55	5.74	6.93	7.32	8.51	8.89
5	2.26	3.45	2.21	3.40	3.78	4.98	5.36	6.55	7.75	8.13	9.32	9.70
6	3.07	4.26	3.02	4.21	4.60	5.79	6.17	7.37	8.56	8.94	10.14	10.52
7	3.88	5.08	3.83	5.03	5.41	6.60	6.98	8.18	9.37	9.75	10.95	11.33
8	4.70	5.89	4.65	5.84	6.22	7.42	7.80	8.99	10.19	10.57	11.76	12.14
9	5.51	6.70	5.46	6.65	7.03	8.23	8.61	9.80	11.00	11.38	12.57	12.96
10	6.32	7.51	6.27	7.46	7.85	9.04	9.42	10.62	11.81	12.19	13.39	13.77
11	7.13	8.33	7.08	8.28	8.66	9.85	10.23	11.43	12.62	13.00	14.20	14.58
12	7.95	9.14	7.90	9.09	9.47	10.67	11.05	12.24	13.44	13.82	15.01	15.39
13	8.76	9.95	8.71	9.90	10.28	11.48	11.86	13.05	14.25	14.63	15.82	16.21
14	9.57	10.77	9.52	10.72	11.10	12.29	12.67	13.87	15.06	15.44	16.64	17.02
15	10.38	11.58	10.33	11.53	11.91	13.10	13.49	14.68	15.87	16.26	17.45	17.83
16	11.20	12.39	11.15	12.34	12.72	13.92	14.30	15.49	16.69	17.07	18.26	18.64
17	12.01	13.20	11.96	13.15	13.54	14.73	15.11	16.31	17.50	17.88	19.08	19.46
18	12.82	14.02	12.77	13.97	14.35	15.54	15.92	17.12	18.31	18.69	19.89	20.27
19	13.63	14.83	13.59	14.78	15.16	16.36	16.74	17.93	19.13	19.51	20.70	21.08
20	14.45	15.64	14.40	15.59	15.97	17.17	17.55	18.74	19.94	20.32	21.51	21.89
21	15.26	16.45	15.21	16.40	16.79	17.98	18.36	19.56	20.75	21.13	22.33	22.71
22	16.07	17.27	16.02	17.22	17.60	18.79	19.17	20.37	21.56	21.94	23.14	23.52
23	16.89	18.08	16.84	18.03	18.41	19.61	19.99	21.18	22.38	22.76	23.95	0.33
24	17.70	18.89	17.65	18.84	19.22	20.42	20.80	21.99	23.19	23.57	0.76	1.15
25	18.51	19.71	18.46	19.66	20.04	21.23	21.61	22.81	0.00	0.38	1.58	1.96
26	19.32	20.52	19.27	20.47	20.85	22.04	22.43	23.62	0.81	1.20	2.39	2.77
27	20.14	21.33	20.09	21.28	21.66	22.86	23.24	0.43	1.63	2.01	3.20	3.58
28	20.95	22.14	20.90	22.09	22.48	23.67	0.05	1.25	2.44	2.82	4.02	4.40
29	21.76		21.71	22.91	23.29	0.48	0.86	2.06	3.25	3.63	4.83	5.21
30	22.57		22.53	23.72	0.10	1.30	1.68	2.87	4.06	4.45	5.64	6.02
31	23.39		23.34		0.91		2.49	3.68		5.26		6.83

TABLE 1 (CONTINUED) LUNAR PHASE NU

YEAR 1852

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	7.65	8.84	8.41	9.60	9.99	11.18	11.56	12.76	13.95	14.33	15.53	15.91
2	8.46	9.65	9.22	10.42	10.80	11.99	12.37	13.57	14.76	15.14	16.34	16.72
3	9.27	10.47	10.04	11.23	11.61	12.81	13.19	14.38	15.58	15.96	17.15	17.53
4	10.09	11.28	10.85	12.04	12.42	13.62	14.00	15.19	16.39	16.77	17.96	18.35
5	10.90	12.09	11.66	12.86	13.24	14.43	14.81	16.01	17.20	17.58	18.78	19.16
6	11.71	12.91	12.47	13.67	14.05	15.24	15.63	16.82	18.01	18.40	19.59	19.97
7	12.52	13.72	13.29	14.48	14.86	16.06	16.44	17.63	18.83	19.21	20.40	20.78
8	13.34	14.53	14.10	15.29	15.68	16.87	17.25	18.45	19.64	20.02	21.22	21.60
9	14.15	15.34	14.91	16.11	16.49	17.68	18.06	19.26	20.45	20.83	22.03	22.41
10	14.96	16.16	15.73	16.92	17.30	18.50	18.88	20.07	21.26	21.65	22.84	23.22
11	15.77	16.97	16.54	17.73	18.11	19.31	19.69	20.88	22.08	22.46	23.65	0.03
12	16.59	17.78	17.35	18.54	18.93	20.12	20.50	21.70	22.89	23.27	0.47	0.85
13	17.40	18.59	18.16	19.36	19.74	20.93	21.31	22.51	23.70	0.08	1.28	1.66
14	18.21	19.41	18.98	20.17	20.55	21.75	22.13	23.32	0.52	0.90	2.09	2.47
15	19.03	20.22	19.79	20.98	21.36	22.56	22.94	0.13	1.33	1.71	2.90	3.29
16	19.84	21.03	20.60	21.80	22.18	23.37	23.75	0.35	2.14	2.52	3.72	4.10
17	20.65	21.85	21.41	22.61	22.99	0.18	0.57	1.76	2.35	3.34	4.53	4.91
18	21.46	22.66	22.23	23.42	23.80	1.00	1.38	2.57	3.77	4.15	5.34	5.72
19	22.28	23.47	23.04	0.23	0.62	1.81	2.19	3.39	4.58	4.96	6.16	6.54
20	23.09	0.28	23.85	1.05	1.43	2.62	3.00	4.20	5.39	5.77	6.97	7.35
21	23.90	1.10	0.66	1.86	2.24	3.43	3.82	5.01	6.20	6.59	7.78	8.16
22	0.71	1.91	1.48	2.67	3.05	4.25	4.63	5.82	7.02	7.40	8.59	8.97
23	1.53	2.72	2.29	3.48	3.87	5.06	5.44	6.64	7.83	8.21	9.41	9.79
24	2.34	3.53	3.10	4.30	4.68	5.87	6.25	7.45	8.64	9.02	10.22	10.60
25	3.15	4.35	3.92	5.11	5.49	6.69	7.07	8.26	9.46	9.84	11.03	11.41
26	3.97	5.16	4.73	5.92	6.30	7.50	7.88	9.07	10.27	10.65	11.84	12.23
27	4.78	5.97	5.54	6.74	7.12	8.31	8.69	9.89	11.08	11.46	12.66	13.04
28	5.59	6.79	6.35	7.55	7.93	9.12	9.51	10.70	11.89	12.28	13.47	13.85
29	6.40	7.60	7.17	8.36	8.74	9.94	10.32	11.51	12.71	13.09	14.28	14.66
30	7.22		7.98	9.17	9.56	10.75	11.13	12.32	13.52	13.90	15.09	15.48
31	8.03		8.79		10.37		11.94	13.14		14.71		16.29

TABLE 1 (CONTINUED) LUNAR PHASE NU

YEAR 1853

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	17.10	18.30	17.05	18.25	18.63	19.82	20.20	21.40	22.59	22.97	0.17	0.55
2	17.91	19.11	17.86	19.06	19.44	20.63	21.02	22.21	23.40	23.79	0.98	1.36
3	18.73	19.92	18.68	19.87	20.25	21.45	21.83	23.02	0.22	0.60	1.79	2.17
4	19.54	20.73	19.49	20.68	21.07	22.26	22.64	23.84	1.03	1.41	2.61	2.99
5	20.35	21.55	20.30	21.50	21.88	23.07	23.45	0.65	1.84	2.22	3.42	3.80
6	21.17	22.36	21.12	22.31	22.69	23.89	0.27	1.46	2.66	3.04	4.23	4.61
7	21.98	23.17	21.93	23.12	23.50	0.70	1.08	2.27	3.47	3.85	5.04	5.43
8	22.79	23.99	22.74	23.94	0.32	1.51	1.89	3.09	4.28	4.66	5.86	6.24
9	23.60	0.80	23.55	0.75	1.13	2.32	2.71	3.90	5.09	5.48	6.67	7.05
10	0.42	1.61	0.37	1.56	1.94	3.14	3.52	4.71	5.91	6.29	7.48	7.86
11	1.23	2.42	1.18	2.37	2.75	3.95	4.33	5.52	6.72	7.10	8.29	8.68
12	2.04	3.24	1.99	3.19	3.57	4.76	5.14	6.34	7.53	7.91	9.11	9.49
13	2.85	4.05	2.80	4.00	4.38	5.57	5.96	7.15	8.34	8.73	9.92	10.30
14	3.67	4.86	3.62	4.81	5.19	6.39	6.77	7.96	9.16	9.54	10.73	11.11
15	4.48	5.67	4.43	5.62	6.01	7.20	7.58	8.78	9.97	10.35	11.55	11.93
16	5.29	6.49	5.24	6.44	6.82	8.01	8.39	9.59	10.78	11.16	12.36	12.74
17	6.11	7.30	6.06	7.25	7.63	8.83	9.21	10.40	11.60	11.98	13.17	13.55
18	6.92	8.11	6.87	8.06	8.44	9.64	10.02	11.21	12.41	12.79	13.98	14.37
19	7.73	8.93	7.68	8.88	9.26	10.45	10.83	12.03	13.22	13.60	14.80	15.18
20	8.54	9.74	8.49	9.69	10.07	11.26	11.65	12.84	14.03	14.42	15.61	15.99
21	9.36	10.55	9.31	10.50	10.88	12.08	12.46	13.65	14.85	15.23	16.42	16.80
22	10.17	11.36	10.12	11.31	11.69	12.89	13.27	14.46	15.66	16.04	17.23	17.62
23	10.98	12.18	10.93	12.13	12.51	13.70	14.08	15.28	16.47	16.85	18.05	18.43
24	11.79	12.99	11.74	12.94	13.32	14.51	14.89	16.09	17.28	17.67	18.86	19.24
25	12.61	13.80	12.56	13.75	14.13	15.33	15.71	16.90	18.10	18.48	19.67	20.05
26	13.42	14.61	13.37	14.56	14.95	16.14	16.52	17.72	18.91	19.29	20.49	20.87
27	14.23	15.43	14.18	15.38	15.76	16.95	17.33	18.53	19.72	20.10	21.30	21.68
28	15.05	16.24	15.00	16.19	16.57	17.77	18.15	19.34	20.54	20.92	22.11	22.49
29	15.86		15.81	17.00	17.38	18.58	18.96	20.15	21.35	21.73	22.92	23.31
30	16.67		16.62	17.82	18.20	19.39	19.77	20.97	22.16	22.54	23.74	0.12
31	17.48		17.43		19.01		20.59	21.78		23.36		0.93

TABLE 1 (CONTINUED) LUNAR PHASE NU

YEAR 1854

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	1.74	2.94	1.69	2.89	3.27	4.46	4.85	6.04	7.23	7.62	8.81	9.19
2	2.56	3.75	2.51	3.70	4.08	5.28	5.66	6.85	8.05	8.43	9.62	10.00
3	3.37	4.56	3.32	4.51	4.89	6.09	6.47	7.66	8.86	9.24	10.43	10.82
4	4.18	5.38	4.13	5.33	5.71	6.90	7.28	8.48	9.67	10.05	11.25	11.63
5	4.99	6.19	4.94	6.14	6.52	7.71	8.10	9.29	10.48	10.87	12.06	12.44
6	5.81	7.00	5.76	6.95	7.33	8.53	8.91	10.10	11.30	11.68	12.87	13.25
7	6.62	7.81	6.57	7.76	8.15	9.34	9.72	10.92	12.11	12.49	13.69	14.07
8	7.43	8.63	7.38	8.58	8.96	10.15	10.53	11.73	12.92	13.30	14.50	14.88
9	8.25	9.44	8.20	9.39	9.77	10.97	11.35	12.54	13.74	14.12	15.31	15.69
10	9.06	10.25	9.01	10.20	10.58	11.78	12.16	13.35	14.55	14.93	16.12	16.51
11	9.87	11.06	9.82	11.02	11.40	12.59	12.97	14.17	15.36	15.74	16.94	17.32
12	10.68	11.88	10.63	11.83	12.21	13.40	13.79	14.98	16.17	16.55	17.75	18.13
13	11.50	12.69	11.45	12.64	13.02	14.22	14.60	15.79	16.99	17.37	18.56	18.94
14	12.31	13.50	12.26	13.45	13.83	15.03	15.41	16.60	17.80	18.18	19.37	19.76
15	13.12	14.32	13.07	14.27	14.65	15.84	16.22	17.42	18.61	18.99	20.19	20.57
16	13.93	15.13	13.88	15.08	15.46	16.65	17.04	18.23	19.42	19.81	21.00	21.38
17	14.75	15.94	14.70	15.89	16.27	17.47	17.85	19.04	20.24	20.62	21.81	22.19
18	15.56	16.75	15.51	16.70	17.09	18.28	18.66	19.86	21.05	21.43	22.63	23.01
19	16.37	17.57	16.32	17.52	17.90	19.09	19.47	20.67	21.86	22.24	23.44	23.82
20	17.19	18.38	17.14	18.33	18.71	19.91	20.29	21.48	22.68	23.06	0.25	0.63
21	18.00	19.19	17.95	19.14	19.52	20.72	21.10	22.29	23.49	23.87	1.06	1.45
22	18.81	20.00	18.76	19.95	20.34	21.53	21.91	23.11	0.30	0.68	1.88	2.26
23	19.62	20.82	19.57	20.77	21.15	22.34	22.72	23.92	1.11	1.49	2.69	3.07
24	20.44	21.63	20.39	21.58	21.96	23.16	23.54	0.73	1.93	2.31	3.50	3.88
25	21.25	22.44	21.20	22.39	22.77	23.97	0.35	1.54	2.74	3.12	4.31	4.70
26	22.06	23.26	22.01	23.21	23.59	0.78	1.16	2.36	3.55	3.93	5.13	5.51
27	22.87	0.07	22.82	0.02	0.40	1.59	1.98	3.17	4.36	4.75	5.94	6.32
28	23.69	0.88	23.64	0.83	1.21	2.41	2.79	3.98	5.18	5.56	6.75	7.13
29	0.50		0.45	1.64	2.03	3.22	3.60	4.80	5.99	6.37	7.57	7.95
30	1.31		1.26	2.46	2.84	4.03	4.41	5.61	6.80	7.18	8.38	8.76
31	2.12		2.08		3.65		5.23	6.42		8.00		9.57

TABLE 1 (CONTINUED) LUNAR PHASE NU

YEAR 1855

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	10.38	11.58	10.34	11.53	11.91	13.11	13.49	14.68	15.88	16.26	17.45	17.83
2	11.20	12.39	11.15	12.34	12.72	13.92	14.30	15.49	16.69	17.07	18.26	18.65
3	12.01	13.20	11.96	13.15	13.54	14.73	15.11	16.31	17.50	17.88	19.08	19.46
4	12.82	14.02	12.77	13.97	14.35	15.54	15.92	17.12	18.31	18.69	19.89	20.27
5	13.64	14.83	13.59	14.78	15.16	16.36	16.74	17.93	19.13	19.51	20.70	21.08
6	14.45	15.64	14.40	15.59	15.97	17.17	17.55	18.74	19.94	20.32	21.51	21.90
7	15.26	16.46	15.21	16.41	16.79	17.98	18.36	19.56	20.75	21.13	22.33	22.71
8	16.07	17.27	16.02	17.22	17.60	18.79	19.18	20.37	21.56	21.95	23.14	23.52
9	16.89	18.08	16.84	18.03	18.41	19.61	19.99	21.18	22.38	22.76	23.95	0.33
10	17.70	18.89	17.65	18.84	19.23	20.42	20.80	22.00	23.19	23.57	0.77	1.15
11	18.51	19.71	18.46	19.66	20.04	21.23	21.61	22.81	0.00	0.38	1.58	1.96
12	19.32	20.52	19.28	20.47	20.85	22.05	22.43	23.62	0.41	1.20	2.39	2.77
13	20.14	21.33	20.09	21.28	21.66	22.86	23.24	0.43	1.63	2.01	3.20	3.58
14	20.95	22.14	20.90	22.09	22.48	23.67	0.05	1.25	2.44	2.82	4.02	4.40
15	21.76	22.96	21.71	22.91	23.29	0.48	0.86	2.06	3.25	3.63	4.83	5.21
16	22.58	23.77	22.53	23.72	0.10	1.30	1.68	2.87	4.07	4.45	5.64	6.02
17	23.39	0.58	23.34	0.53	0.91	2.11	2.49	3.68	4.88	5.26	6.45	6.84
18	0.20	1.40	0.15	1.35	1.73	2.92	3.30	4.50	5.69	6.07	7.27	7.65
19	1.01	2.21	0.96	2.16	2.54	3.73	4.12	5.31	6.50	6.89	8.08	8.46
20	1.83	3.02	1.78	2.97	3.35	4.55	4.93	6.12	7.32	7.70	8.89	9.27
21	2.64	3.83	2.59	3.78	4.17	5.36	5.74	6.94	8.13	8.51	9.71	10.09
22	3.45	4.65	3.40	4.60	4.98	6.17	6.55	7.75	8.94	9.32	10.52	10.90
23	4.26	5.46	4.22	5.41	5.79	6.99	7.37	8.56	9.75	10.14	11.33	11.71
24	5.08	6.27	5.03	6.22	6.60	7.80	8.18	9.37	10.57	10.95	12.14	12.52
25	5.89	7.08	5.84	7.03	7.42	8.61	8.99	10.19	11.38	11.76	12.96	13.34
26	6.70	7.90	6.65	7.85	8.23	9.42	9.80	11.00	12.19	12.57	13.77	14.15
27	7.52	8.71	7.47	8.66	9.04	10.24	10.62	11.81	13.01	13.39	14.58	14.96
28	8.33	9.52	8.28	9.47	9.85	11.05	11.43	12.62	13.82	14.20	15.39	15.78
29	9.14		9.09	10.29	10.67	11.86	12.24	13.44	14.63	15.01	16.21	16.59
30	9.95		9.90	11.10	11.48	12.67	13.06	14.25	15.44	15.83	17.02	17.40
31	10.77		10.72		12.29		13.87	15.06		16.64		18.21

TABLE 1 (CONTINUED) LUNAR PHASE NU

YEAR 1856

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	19.03	20.22	19.79	20.98	21.37	22.56	22.94	0.14	1.33	1.71	2.91	3.29
2	19.84	21.03	20.60	21.80	22.18	23.37	23.75	0.95	2.14	2.52	3.72	4.10
3	20.65	21.85	21.42	22.61	22.99	0.18	0.57	1.76	2.95	3.34	4.53	4.91
4	21.46	22.66	22.23	23.42	23.80	1.00	1.38	2.57	3.77	4.15	5.34	5.72
5	22.28	23.47	23.04	0.23	0.62	1.81	2.19	3.39	4.58	4.96	6.16	6.54
6	23.09	0.28	23.85	1.05	1.43	2.62	3.00	4.20	5.39	5.77	6.97	7.35
7	23.90	1.10	0.67	1.86	2.24	3.44	3.82	5.01	6.21	6.59	7.78	8.16
8	0.72	1.91	1.48	2.67	3.05	4.25	4.63	5.82	7.02	7.40	8.59	8.98
9	1.53	2.72	2.29	3.49	3.87	5.06	5.44	6.64	7.83	8.21	9.41	9.79
10	2.34	3.54	3.10	4.30	4.68	5.87	6.26	7.45	8.64	9.03	10.22	10.60
11	3.15	4.35	3.92	5.11	5.49	6.69	7.07	8.26	9.46	9.84	11.03	11.41
12	3.97	5.16	4.73	5.92	6.31	7.50	7.88	9.08	10.27	10.65	11.85	12.23
13	4.78	5.97	5.54	6.74	7.12	8.31	8.69	9.89	11.08	11.46	12.66	13.04
14	5.59	6.79	6.35	7.55	7.93	9.12	9.51	10.70	11.89	12.28	13.47	13.85
15	6.40	7.60	7.17	8.36	8.74	9.94	10.32	11.51	12.71	13.09	14.28	14.66
16	7.22	8.41	7.98	9.17	9.56	10.75	11.13	12.33	13.52	13.90	15.10	15.48
17	8.03	9.22	8.79	9.99	10.37	11.56	11.94	13.14	14.33	14.71	15.91	16.29
18	8.84	10.04	9.61	10.80	11.18	12.38	12.76	13.95	15.15	15.53	16.72	17.10
19	9.66	10.85	10.42	11.61	11.99	13.19	13.57	14.76	15.96	16.34	17.53	17.92
20	10.47	11.66	11.23	12.43	12.81	14.00	14.38	15.58	16.77	17.15	18.35	18.73
21	11.28	12.48	12.04	13.24	13.62	14.81	15.20	16.39	17.58	17.97	19.16	19.54
22	12.09	13.29	12.86	14.05	14.43	15.63	16.01	17.20	18.40	18.78	19.97	20.35
23	12.91	14.10	13.67	14.86	15.25	16.44	16.82	18.01	19.21	19.59	20.78	21.17
24	13.72	14.91	14.48	15.68	16.06	17.25	17.63	18.83	20.02	20.40	21.60	21.98
25	14.53	15.73	15.29	16.49	16.87	18.06	18.45	19.64	20.83	21.22	22.41	22.79
26	15.34	16.54	16.11	17.30	17.68	18.88	19.26	20.45	21.65	22.03	23.22	23.60
27	16.16	17.35	16.92	18.11	18.50	19.69	20.07	21.27	22.46	22.84	0.04	0.42
28	16.97	18.16	17.73	18.93	19.31	20.50	20.88	22.08	23.27	23.65	0.85	1.23
29	17.78	18.98	18.55	19.74	20.12	21.32	21.70	22.89	0.09	0.47	1.66	2.04
30	18.60		19.36	20.55	20.93	22.13	22.51	23.70	0.90	1.28	2.47	2.86
31	19.41		20.17		21.75		23.32	0.52		2.09		3.67

TABLE 1 (CONTINUED) LUNAR PHASE NU

YEAR 1857

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	4.48	5.68	4.43	5.63	6.01	7.20	7.58	8.78	9.97	10.35	11.55	11.93
2	5.29	6.49	5.24	6.44	6.82	8.01	8.40	9.59	10.78	11.17	12.36	12.74
3	6.11	7.30	6.06	7.25	7.63	8.83	9.21	10.40	11.60	11.98	13.17	13.55
4	6.92	8.11	6.87	8.06	8.44	9.64	10.02	11.21	12.41	12.79	13.98	14.37
5	7.73	8.93	7.68	8.88	9.26	10.45	10.83	12.03	13.22	13.60	14.80	15.18
6	8.54	9.74	8.49	9.69	10.07	11.26	11.65	12.84	14.03	14.42	15.61	15.99
7	9.36	10.55	9.31	10.50	10.88	12.08	12.46	13.65	14.85	15.23	16.42	16.80
8	10.17	11.36	10.12	11.31	11.70	12.89	13.27	14.47	15.66	16.04	17.24	17.62
9	10.98	12.18	10.93	12.13	12.51	13.70	14.08	15.28	16.47	16.85	18.05	18.43
10	11.80	12.99	11.75	12.94	13.32	14.52	14.90	16.09	17.29	17.67	18.86	19.24
11	12.61	13.80	12.56	13.75	14.13	15.33	15.71	16.90	18.10	18.48	19.67	20.06
12	13.42	14.61	13.37	14.57	14.95	16.14	16.52	17.72	18.91	19.29	20.49	20.87
13	14.23	15.43	14.18	15.38	15.76	16.95	17.34	18.53	19.72	20.11	21.30	21.68
14	15.05	16.24	15.00	16.19	16.57	17.77	18.15	19.34	20.54	20.92	22.11	22.49
15	15.86	17.05	15.81	17.00	17.38	18.58	18.96	20.15	21.35	21.73	22.92	23.31
16	16.67	17.87	16.62	17.82	18.20	19.39	19.77	20.97	22.16	22.54	23.74	0.12
17	17.48	18.68	17.43	18.63	19.01	20.20	20.59	21.78	22.97	23.36	0.55	0.93
18	18.30	19.49	18.25	19.44	19.82	21.02	21.40	22.59	23.79	0.17	1.36	1.74
19	19.11	20.30	19.06	20.25	20.64	21.83	22.21	23.41	0.60	0.98	2.18	2.56
20	19.92	21.12	19.87	21.07	21.45	22.64	23.02	0.22	1.41	1.79	2.99	3.37
21	20.74	21.93	20.69	21.88	22.26	23.46	23.84	1.03	2.23	2.61	3.80	4.18
22	21.55	22.74	21.50	22.69	23.07	0.27	0.65	1.84	3.04	3.42	4.61	5.00
23	22.36	23.55	22.31	23.51	23.89	1.08	1.46	2.66	3.85	4.23	5.43	5.81
24	23.17	0.37	23.12	0.32	0.70	1.89	2.28	3.47	4.66	5.04	6.24	6.62
25	23.99	1.18	23.94	1.13	1.51	2.71	3.09	4.28	5.48	5.86	7.05	7.43
26	0.80	1.99	0.75	1.94	2.32	3.52	3.90	5.09	6.29	6.67	7.86	8.25
27	1.61	2.81	1.56	2.76	3.14	4.33	4.71	5.91	7.10	7.48	8.68	9.06
28	2.42	3.62	2.37	3.57	3.95	5.14	5.53	6.72	7.91	8.30	9.49	9.87
29	3.24		3.19	4.38	4.76	5.96	6.34	7.53	8.73	9.11	10.30	10.68
30	4.05		4.00	5.19	5.58	6.77	7.15	8.35	9.54	9.92	11.12	11.50
31	4.86		4.81		6.39		7.96	9.16		10.73		12.31

TABLE 1 (CONTINUED) LUNAR PHASE MU

YEAR 1850

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	13.12	14.32	13.07	14.27	14.65	15.84	16.22	17.42	18.61	18.99	20.19	20.57
2	13.94	15.13	13.89	15.08	15.46	16.66	17.04	18.23	19.43	19.81	21.00	21.38
3	14.75	15.94	14.70	15.89	16.27	17.47	17.85	19.04	20.24	20.62	21.81	22.20
4	15.56	16.75	15.51	16.71	17.09	18.28	18.66	19.86	21.05	21.43	22.63	23.01
5	16.37	17.57	16.32	17.52	17.90	19.09	19.48	20.67	21.86	22.24	23.44	23.82
6	17.19	18.38	17.14	18.33	18.71	19.91	20.29	21.48	22.68	23.06	0.25	0.63
7	18.00	19.19	17.95	19.14	19.52	20.72	21.10	22.29	23.49	23.87	1.06	1.45
8	18.81	20.01	18.76	19.96	20.34	21.53	21.91	23.11	0.30	0.68	1.88	2.26
9	19.62	20.82	19.57	20.77	21.15	22.34	22.73	23.92	1.11	1.50	2.69	3.07
10	20.44	21.63	20.39	21.58	21.96	23.16	23.54	0.73	1.93	2.31	3.50	3.88
11	21.25	22.44	21.20	22.39	22.78	23.97	0.35	1.55	2.74	3.12	4.32	4.70
12	22.06	23.26	22.01	23.21	23.59	0.78	1.16	2.36	3.55	3.93	5.13	5.51
13	22.87	0.07	22.83	0.02	0.40	1.00	1.38	3.17	4.37	4.75	5.94	6.32
14	23.69	0.88	23.64	0.83	1.21	2.41	2.79	3.98	5.18	5.56	6.75	7.14
15	0.50	1.69	0.45	1.64	2.03	3.22	3.60	4.80	5.99	6.37	7.57	7.95
16	1.31	2.51	1.26	2.46	2.84	4.03	4.41	5.61	6.80	7.18	8.38	8.76
17	2.13	3.32	2.08	3.27	3.65	4.85	5.23	6.42	7.62	8.00	9.19	9.57
18	2.94	4.13	2.89	4.08	4.46	5.66	6.04	7.23	8.43	8.81	10.00	10.39
19	3.75	4.95	3.70	4.90	5.28	6.47	6.85	8.05	9.24	9.62	10.82	11.20
20	4.56	5.76	4.51	5.71	6.09	7.28	7.67	8.86	10.05	10.44	11.63	12.01
21	5.38	6.57	5.33	6.52	6.90	8.10	8.48	9.67	10.87	11.25	12.44	12.82
22	6.19	7.38	6.14	7.33	7.72	8.91	9.29	10.49	11.68	12.06	13.26	13.64
23	7.00	8.20	6.95	8.15	8.53	9.72	10.10	11.30	12.49	12.87	14.07	14.45
24	7.81	9.01	7.77	8.96	9.34	10.54	10.92	12.11	13.30	13.69	14.88	15.26
25	8.63	9.82	8.58	9.77	10.15	11.35	11.73	12.92	14.12	14.50	15.69	16.07
26	9.44	10.63	9.39	10.58	10.97	12.16	12.54	13.74	14.93	15.31	16.51	16.89
27	10.25	11.45	10.20	11.40	11.78	12.97	13.35	14.55	15.74	16.12	17.32	17.70
28	11.07	12.26	11.02	12.21	12.59	13.79	14.17	15.36	16.56	16.94	18.13	18.51
29	11.88		11.83	13.02	13.40	14.60	14.98	16.17	17.37	17.75	18.94	19.33
30	12.69		12.64	13.84	14.22	15.41	15.79	16.99	18.18	18.56	19.76	20.14
31	13.50		13.45		15.03		16.61	17.80		19.38		20.95

TABLE 1 (CONTINUED) LUNAR PHASE MU

YEAR 1859

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	21.76	22.96	21.71	22.91	23.29	0.48	0.87	2.06	3.25	3.64	4.83	5.21
2	22.58	23.77	22.53	23.72	0.10	1.30	1.68	2.87	4.07	4.45	5.64	6.02
3	23.39	0.58	23.34	0.53	0.92	2.11	2.49	3.69	4.88	5.26	6.46	6.84
4	0.20	1.40	0.15	1.35	1.73	2.92	3.30	4.50	5.69	6.07	7.27	7.65
5	1.01	2.21	0.97	2.16	2.54	3.74	4.12	5.31	6.50	6.89	8.08	8.46
6	1.83	3.02	1.78	2.97	3.35	4.55	4.93	6.12	7.32	7.70	8.89	9.27
7	2.64	3.83	2.59	3.78	4.17	5.36	5.74	6.94	8.13	8.51	9.71	10.09
8	3.45	4.65	3.40	4.60	4.98	6.17	6.55	7.75	8.94	9.32	10.52	10.90
9	4.27	5.46	4.22	5.41	5.79	6.99	7.37	8.56	9.76	10.14	11.33	11.71
10	5.08	6.27	5.03	6.22	6.60	7.80	8.18	9.37	10.57	10.95	12.14	12.53
11	5.89	7.09	5.84	7.04	7.42	8.61	8.99	10.19	11.38	11.76	12.96	13.34
12	6.70	7.90	6.65	7.85	8.23	9.42	9.81	11.00	12.19	12.58	13.77	14.15
13	7.52	8.71	7.47	8.66	9.04	10.24	10.62	11.81	13.01	13.39	14.58	14.96
14	8.33	9.52	8.28	9.47	9.86	11.05	11.43	12.63	13.82	14.20	15.40	15.78
15	9.14	10.34	9.09	10.29	10.67	11.86	12.24	13.44	14.63	15.01	16.21	16.59
16	9.95	11.15	9.91	11.10	11.48	12.67	13.06	14.25	15.44	15.83	17.02	17.40
17	10.77	11.96	10.72	11.91	12.29	13.49	13.87	15.06	16.26	16.64	17.83	18.21
18	11.58	12.77	11.53	12.72	13.11	14.30	14.68	15.88	17.07	17.45	18.65	19.03
19	12.39	13.59	12.34	13.54	13.92	15.11	15.49	16.69	17.88	18.26	19.46	19.84
20	13.21	14.40	13.16	14.35	14.73	15.93	16.31	17.50	18.70	19.08	20.27	20.65
21	14.02	15.21	13.97	15.16	15.54	16.74	17.12	18.31	19.51	19.89	21.08	21.47
22	14.83	16.03	14.78	15.98	16.36	17.55	17.93	19.13	20.32	20.70	21.90	22.28
23	15.64	16.84	15.59	16.79	17.17	18.36	18.75	19.94	21.13	21.51	22.71	23.09
24	16.46	17.65	16.41	17.60	17.98	19.18	19.56	20.75	21.95	22.33	23.52	23.90
25	17.27	18.46	17.22	18.41	18.80	19.99	20.37	21.57	22.76	23.14	0.34	0.72
26	18.08	19.28	18.03	19.23	19.61	20.80	21.18	22.38	23.57	23.95	1.15	1.53
27	18.89	20.09	18.84	20.04	20.42	21.61	22.00	23.19	0.38	0.77	1.96	2.34
28	19.71	20.90	19.66	20.85	21.23	22.43	22.81	0.00	1.20	1.58	2.77	3.15
29	20.52		20.47	21.66	22.05	23.24	23.62	0.82	2.01	2.39	3.59	3.97
30	21.33		21.28	22.48	22.86	0.05	0.43	1.63	2.82	3.20	4.40	4.78
31	22.15		22.10		23.67		1.25	2.44		4.02		5.59

TABLE 1 (CONTINUED) LUNAR PHASE NU

YEAR 1860

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	6.41	7.60	7.17	8.36	8.74	9.94	10.32	11.51	12.71	13.09	14.28	14.67
2	7.22	8.41	7.98	9.18	9.56	10.75	11.13	12.33	13.52	13.90	15.10	15.48
3	8.03	9.23	8.79	9.99	10.37	11.56	11.95	13.14	14.33	14.72	15.91	16.29
4	8.84	10.04	9.61	10.80	11.18	12.38	12.76	13.95	15.15	15.53	16.72	17.10
5	9.66	10.85	10.42	11.61	12.00	13.19	13.57	14.77	15.96	16.34	17.53	17.92
6	10.47	11.66	11.23	12.43	12.81	14.00	14.38	15.58	16.77	17.15	18.35	18.73
7	11.28	12.48	12.04	13.24	13.62	14.81	15.20	16.39	17.58	17.97	19.16	19.54
8	12.09	13.29	12.86	14.05	14.43	15.63	16.01	17.20	18.40	18.78	19.97	20.35
9	12.91	14.10	13.67	14.86	15.25	16.44	16.82	18.02	19.21	19.59	20.79	21.17
10	13.72	14.91	14.48	15.68	16.06	17.25	17.63	18.83	20.02	20.40	21.60	21.98
11	14.53	15.73	15.30	16.49	16.87	18.07	18.45	19.64	20.84	21.22	22.41	22.79
12	15.35	16.54	16.11	17.30	17.68	18.88	19.26	20.45	21.65	22.03	23.22	23.61
13	16.16	17.35	16.92	18.12	18.50	19.69	20.07	21.27	22.46	22.84	0.04	0.42
14	16.97	18.17	17.73	18.93	19.31	20.50	20.89	22.08	23.27	23.66	0.85	1.23
15	17.78	18.98	18.55	19.74	20.12	21.32	21.70	22.89	0.09	0.47	1.66	2.04
16	18.60	19.79	19.36	20.55	20.93	22.13	22.51	23.70	0.90	1.28	2.47	2.86
17	19.41	20.60	20.17	21.37	21.75	22.94	23.32	0.52	1.71	2.09	3.29	3.67
18	20.22	21.42	20.98	22.18	22.56	23.75	0.14	1.33	2.52	2.91	4.10	4.48
19	21.03	22.23	21.80	22.99	23.37	0.57	0.95	2.14	3.34	3.72	4.91	5.29
20	21.85	23.04	22.61	23.80	0.19	1.38	1.76	2.96	4.15	4.53	5.73	6.11
21	22.66	23.85	23.42	0.62	1.00	2.19	2.57	3.77	4.96	5.34	6.54	6.92
22	23.47	0.67	0.24	1.43	1.81	3.01	3.39	4.58	5.78	6.16	7.35	7.73
23	0.29	1.48	1.05	2.24	2.62	3.82	4.20	5.39	6.59	6.97	8.16	8.55
24	1.10	2.29	1.86	3.06	3.44	4.63	5.01	6.21	7.40	7.78	8.98	9.36
25	1.91	3.10	2.67	3.87	4.25	5.44	5.83	7.02	8.21	8.60	9.79	10.17
26	2.72	3.92	3.49	4.68	5.06	6.26	6.64	7.83	9.03	9.41	10.60	10.98
27	3.54	4.73	4.30	5.49	5.87	7.07	7.45	8.64	9.84	10.22	11.41	11.80
28	4.35	5.54	5.11	6.31	6.69	7.88	8.26	9.46	10.65	11.03	12.23	12.61
29	5.16	6.36	5.92	7.12	7.50	8.69	9.08	10.27	11.46	11.85	13.04	13.42
30	5.97		6.74	7.93	8.31	9.51	9.89	11.08	12.28	12.66	13.85	14.23
31	6.79		7.55		9.13		10.70	11.90		13.47		15.05

TABLE 1 (CONTINUED) LUNAR PHASE NU

YEAR 1861

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	15.86	17.05	15.81	17.00	17.39	18.58	18.96	20.16	21.35	21.73	22.93	23.31
2	16.67	17.87	16.62	17.82	18.20	19.39	19.77	20.97	22.16	22.54	23.74	0.12
3	17.49	18.68	17.44	18.63	19.01	20.21	20.59	21.78	22.98	23.36	0.55	0.93
4	18.30	19.49	18.25	19.44	19.82	21.02	21.40	22.59	23.79	0.17	1.36	1.75
5	19.11	20.30	19.06	20.26	20.64	21.83	22.21	23.41	0.60	0.98	2.18	2.56
6	19.92	21.12	19.87	21.07	21.45	22.64	23.03	0.22	1.41	1.79	2.99	3.37
7	20.74	21.93	20.69	21.88	22.26	23.46	23.84	1.03	2.23	2.61	3.80	4.18
8	21.55	22.74	21.50	22.69	23.07	0.27	0.65	1.84	3.04	3.42	4.61	5.00
9	22.36	23.56	22.31	23.51	23.89	1.08	1.46	2.66	3.85	4.23	5.43	5.81
10	23.17	0.37	23.12	0.32	0.70	1.89	2.28	3.47	4.66	5.05	6.24	6.62
11	23.99	1.18	23.94	1.13	1.51	2.71	3.09	4.28	5.48	5.86	7.05	7.43
12	0.80	1.99	0.75	1.94	2.33	3.52	3.90	5.10	6.29	6.67	7.87	8.25
13	1.61	2.81	1.56	2.76	3.14	4.33	4.71	5.91	7.10	7.48	8.68	9.06
14	2.43	3.62	2.38	3.57	3.95	5.15	5.53	6.72	7.92	8.30	9.49	9.87
15	3.24	4.43	3.19	4.38	4.76	5.96	6.34	7.53	8.73	9.11	10.30	10.69
16	4.05	5.24	4.00	5.20	5.58	6.77	7.15	8.35	9.54	9.92	11.12	11.50
17	4.86	6.06	4.81	6.01	6.39	7.58	7.97	9.16	10.35	10.73	11.93	12.31
18	5.68	6.87	5.63	6.82	7.20	8.40	8.78	9.97	11.17	11.55	12.74	13.12
19	6.49	7.68	6.44	7.63	8.01	9.21	9.59	10.78	11.98	12.36	13.55	13.94
20	7.30	8.50	7.25	8.45	8.83	10.02	10.40	11.60	12.79	13.17	14.37	14.75
21	8.11	9.31	8.06	9.26	9.64	10.83	11.22	12.41	13.60	13.99	15.18	15.56
22	8.93	10.12	8.88	10.07	10.45	11.65	12.03	13.22	14.42	14.80	15.99	16.37
23	9.74	10.93	9.69	10.88	11.27	12.46	12.84	14.04	15.23	15.61	16.81	17.19
24	10.55	11.75	10.50	11.70	12.08	13.27	13.65	14.85	16.04	16.42	17.62	18.00
25	11.36	12.56	11.32	12.51	12.89	14.09	14.47	15.66	16.86	17.24	18.43	18.81
26	12.18	13.37	12.13	13.32	13.70	14.90	15.28	16.47	17.67	18.05	19.24	19.63
27	12.99	14.18	12.94	14.13	14.52	15.71	16.09	17.29	18.48	18.86	20.06	20.44
28	13.80	15.00	13.75	14.95	15.33	16.52	16.90	18.10	19.29	19.67	20.87	21.25
29	14.62		14.57	15.76	16.14	17.34	17.72	18.91	20.11	20.49	21.68	22.06
30	15.43		15.38	16.57	16.95	18.15	18.53	19.72	20.92	21.30	22.49	22.88
31	16.24		16.19		17.77		19.34	20.54		22.11		23.89

TABLE 1 (CONTINUED) LUNAR PHASE MU

YEAR 1862

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	0.50	1.70	0.45	1.65	2.03	3.22	3.60	4.80	5.99	6.37	7.57	7.95
2	1.31	2.51	1.26	2.46	2.84	4.03	4.42	5.61	6.80	7.19	8.38	8.76
3	2.13	3.32	2.08	3.27	3.65	4.85	5.23	6.42	7.62	8.00	9.19	9.57
4	2.94	4.13	2.89	4.08	4.47	5.66	6.04	7.24	8.43	8.81	10.01	10.39
5	3.75	4.95	3.70	4.90	5.28	6.47	6.85	8.05	9.24	9.62	10.82	11.20
6	4.56	5.76	4.52	5.71	6.09	7.29	7.67	8.86	10.06	10.44	11.63	12.01
7	5.38	6.57	5.33	6.52	6.90	8.10	8.48	9.67	10.87	11.25	12.44	12.83
8	6.19	7.38	6.14	7.33	7.72	8.91	9.29	10.49	11.68	12.06	13.26	13.64
9	7.00	8.20	6.95	8.15	8.53	9.72	10.10	11.30	12.49	12.87	14.07	14.45
10	7.82	9.01	7.77	8.96	9.34	10.54	10.92	12.11	13.31	13.69	14.88	15.26
11	8.63	9.82	8.58	9.77	10.15	11.35	11.73	12.92	14.12	14.50	15.69	16.08
12	9.44	10.64	9.39	10.59	10.97	12.16	12.54	13.74	14.93	15.31	16.51	16.89
13	10.25	11.45	10.20	11.40	11.78	12.97	13.36	14.55	15.74	16.13	17.32	17.70
14	11.07	12.26	11.02	12.21	12.59	13.79	14.17	15.36	16.56	16.94	18.13	18.51
15	11.88	13.07	11.83	13.02	13.41	14.60	14.98	16.18	17.37	17.75	18.95	19.33
16	12.69	13.89	12.64	13.84	14.22	15.41	15.79	16.99	18.18	18.56	19.76	20.14
17	13.50	14.70	13.46	14.65	15.03	16.23	16.61	17.80	18.99	19.38	20.57	20.95
18	14.32	15.51	14.27	15.46	15.84	17.04	17.42	18.61	19.81	20.19	21.38	21.76
19	15.13	16.32	15.08	16.27	16.66	17.85	18.23	19.43	20.62	21.00	22.20	22.58
20	15.94	17.14	15.89	17.09	17.47	18.66	19.04	20.24	21.43	21.81	23.01	23.39
21	16.76	17.95	16.71	17.90	18.28	19.48	19.86	21.05	22.25	22.63	23.82	0.20
22	17.57	18.76	17.52	18.71	19.09	20.29	20.67	21.86	23.06	23.44	0.63	1.02
23	18.38	19.58	18.33	19.53	19.91	21.10	21.48	22.68	23.87	0.25	1.45	1.83
24	19.19	20.39	19.14	20.34	20.72	21.91	22.30	23.49	0.68	1.07	2.26	2.64
25	20.01	21.20	19.96	21.15	21.53	22.73	23.11	0.30	1.50	1.88	3.07	3.45
26	20.82	22.01	20.77	21.96	22.35	23.54	23.92	1.12	2.31	2.69	3.89	4.27
27	21.63	22.83	21.58	22.78	23.16	0.35	0.73	1.93	3.12	3.50	4.70	5.08
28	22.44	23.64	22.40	23.59	23.97	1.16	1.55	2.74	3.93	4.32	5.51	5.89
29	23.26		23.21	0.40	0.78	1.98	2.36	3.55	4.75	5.13	6.32	6.70
30	0.07			1.21	1.60	2.79	3.17	4.37	5.56	5.94	7.14	7.52
31	0.88		0.83		2.41		3.98	5.18		6.75		8.33

TABLE 1 (CONTINUED) LUNAR PHASE MU

YEAR 1863

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	9.14	10.34	9.09	10.29	10.67	11.86	12.24	13.44	14.63	15.01	16.21	16.99
2	9.96	11.15	9.91	11.10	11.48	12.68	13.06	14.25	15.45	15.83	17.02	17.40
3	10.77	11.96	10.72	11.91	12.29	13.49	13.87	15.06	16.26	16.64	17.83	18.22
4	11.58	12.78	11.53	12.73	13.11	14.30	14.68	15.88	17.07	17.45	18.65	19.03
5	12.39	13.59	12.34	13.54	13.92	15.11	15.50	16.69	17.88	18.27	19.46	19.84
6	13.21	14.40	13.16	14.35	14.73	15.93	16.31	17.50	18.70	19.08	20.27	20.65
7	14.02	15.21	13.97	15.16	15.55	16.74	17.12	18.32	19.51	19.89	21.09	21.47
8	14.83	16.03	14.78	15.98	16.36	17.55	17.93	19.13	20.32	20.70	21.90	22.28
9	15.64	16.84	15.59	16.79	17.17	18.36	18.75	19.94	21.13	21.52	22.71	23.09
10	16.46	17.65	16.41	17.60	17.98	19.18	19.56	20.75	21.95	22.33	23.52	23.90
11	17.27	18.46	17.22	18.41	18.80	19.99	20.37	21.57	22.76	23.14	0.34	0.72
12	18.08	19.28	18.03	19.23	19.61	20.80	21.18	22.38	23.57	23.95	1.15	1.53
13	18.90	20.09	18.85	20.04	20.42	21.62	22.00	23.19	0.39	0.77	1.96	2.34
14	19.71	20.90	19.66	20.85	21.23	22.43	22.81	0.00	1.20	1.58	2.77	3.16
15	20.52	21.72	20.47	21.67	22.05	23.24	23.62	0.82	2.01	2.39	3.59	3.97
16	21.33	22.53	21.28	22.48	22.86	0.05	0.44	1.63	2.82	3.21	4.40	4.78
17	22.15	23.34	22.10	23.29	23.67	0.87	1.25	2.44	3.64	4.02	5.21	5.59
18	22.96	0.15	22.91	0.10	0.49	1.68	2.06	3.26	4.45	4.83	6.02	6.41
19	23.77	0.97	23.72	0.92	1.30	2.49	2.87	4.07	5.26	5.64	6.84	7.22
20	0.58	1.78	0.53	1.73	2.11	3.30	3.69	4.88	6.07	6.46	7.65	8.03
21	1.40	2.59	1.35	2.54	2.92	4.12	4.50	5.69	6.89	7.27	8.46	8.84
22	2.21	3.40	2.16	3.35	3.74	4.93	5.31	6.51	7.70	8.08	9.28	9.66
23	3.02	4.22	2.97	4.17	4.55	5.74	6.12	7.32	8.51	8.89	10.09	10.47
24	3.84	5.03	3.79	4.98	5.36	6.56	6.94	8.13	9.33	9.71	10.90	11.28
25	4.65	5.84	4.60	5.79	6.17	7.37	7.75	8.94	10.14	10.52	11.71	12.10
26	5.46	6.66	5.41	6.61	6.99	8.18	8.56	9.76	10.95	11.33	12.53	12.91
27	6.27	7.47	6.22	7.42	7.80	8.99	9.38	10.57	11.76	12.15	13.34	13.72
28	7.09	8.28	7.04	8.23	8.61	9.81	10.19	11.38	12.58	12.96	14.15	14.53
29	7.90		7.85	9.04	9.43	10.62	11.00	12.20	13.39	13.77	14.96	15.35
30	8.71		8.66	9.86	10.24	11.43	11.81	13.01	14.20	14.58	15.78	16.16
31	9.52		9.47		11.05		12.63	13.82		15.40		16.97

TABLE 1 (CONTINUED) LUNAR PHASE NU

YEAR 1864

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	17.78	18.98	18.55	19.74	20.12	21.32	21.70	22.89	0.09	0.47	1.66	2.04
2	18.60	19.79	19.36	20.55	20.94	22.13	22.51	23.71	0.90	1.28	2.48	2.86
3	19.41	20.60	20.17	21.37	21.75	22.94	23.32	0.52	1.71	2.09	3.29	3.67
4	20.22	21.42	20.99	22.18	22.56	23.76	0.14	1.33	2.53	2.91	4.10	4.48
5	21.04	22.23	21.80	22.99	23.37	0.57	0.95	2.14	3.34	3.72	4.91	5.30
6	21.85	23.04	22.61	23.81	0.19	1.38	1.76	2.96	4.15	4.53	5.73	6.11
7	22.66	23.86	23.42	0.62	1.00	2.19	2.58	3.77	4.96	5.35	6.54	6.92
8	23.47	0.67	0.24	1.43	1.81	3.01	3.39	4.58	5.78	6.16	7.35	7.73
9	0.29	1.48	1.05	2.24	2.63	3.82	4.20	5.39	6.59	6.97	8.16	8.55
10	1.10	2.29	1.86	3.06	3.44	4.63	5.01	6.21	7.40	7.78	8.98	9.36
11	1.91	3.11	2.67	3.87	4.25	5.44	5.83	7.02	8.21	8.60	9.79	10.17
12	2.72	3.92	3.49	4.68	5.06	6.26	6.64	7.83	9.03	9.41	10.60	10.98
13	3.54	4.73	4.30	5.49	5.88	7.07	7.45	8.65	9.84	10.22	11.42	11.80
14	4.35	5.54	5.11	6.31	6.69	7.88	8.26	9.46	10.65	11.03	12.23	12.61
15	5.16	6.36	5.93	7.12	7.50	8.70	9.08	10.27	11.47	11.85	13.04	13.42
16	5.98	7.17	6.74	7.93	8.31	9.51	9.89	11.08	12.28	12.66	13.85	14.24
17	6.79	7.98	7.55	8.75	9.13	10.32	10.70	11.90	13.09	13.47	14.67	15.05
18	7.60	8.79	8.36	9.56	9.94	11.13	11.52	12.71	13.90	14.29	15.48	15.86
19	8.41	9.61	9.18	10.37	10.75	11.95	12.33	13.52	14.72	15.10	16.29	16.67
20	9.23	10.42	9.99	11.18	11.56	12.76	13.14	14.33	15.53	15.91	17.10	17.49
21	10.04	11.23	10.80	12.00	12.38	13.57	13.95	15.15	16.34	16.72	17.92	18.30
22	10.85	12.05	11.61	12.81	13.19	14.38	14.77	15.96	17.15	17.54	18.73	19.11
23	11.66	12.86	12.43	13.62	14.00	15.20	15.58	16.77	17.97	18.35	19.54	19.92
24	12.48	13.67	13.24	14.43	14.82	16.01	16.39	17.59	18.78	19.16	20.36	20.74
25	13.29	14.48	14.05	15.25	15.63	16.82	17.20	18.40	19.59	19.97	21.17	21.55
26	14.10	15.30	14.87	16.06	16.44	17.64	18.02	19.21	20.41	20.79	21.98	22.36
27	14.92	16.11	15.68	16.87	17.25	18.45	18.83	20.02	21.22	21.60	22.79	23.18
28	15.73	16.92	16.49	17.69	18.07	19.26	19.64	20.84	22.03	22.41	23.61	23.99
29	16.54	17.73	17.30	18.50	18.88	20.07	20.46	21.65	22.84	23.22	0.42	0.80
30	17.35		18.12	19.31	19.69	20.89	21.27	22.46	23.66	0.04	1.23	1.61
31	18.17		18.93		20.50		22.08	23.27		0.85		2.43

TABLE 1 (CONTINUED) LUNAR PHASE NU

YEAR 1865

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	3.24	4.43	3.19	4.38	4.76	5.96	6.34	7.53	8.73	9.11	10.30	10.69
2	4.05	5.25	4.00	5.20	5.58	6.77	7.15	8.35	9.54	9.92	11.12	11.50
3	4.86	6.06	4.81	6.01	6.39	7.58	7.97	9.16	10.35	10.74	11.93	12.31
4	5.68	6.87	5.63	6.82	7.20	8.40	8.78	9.97	11.17	11.55	12.74	13.12
5	6.49	7.68	6.44	7.63	8.02	9.21	9.59	10.79	11.98	12.36	13.56	13.94
6	7.30	8.50	7.25	8.45	8.83	10.02	10.40	11.60	12.79	13.17	14.37	14.75
7	8.12	9.31	8.07	9.26	9.64	10.84	11.22	12.41	13.61	13.99	15.18	15.56
8	8.93	10.12	8.88	10.07	10.45	11.65	12.03	13.22	14.42	14.80	15.99	16.38
9	9.74	10.93	9.62	10.89	11.27	12.46	12.84	14.04	15.23	15.61	16.81	17.19
10	10.55	11.75	10.50	11.70	12.08	13.27	13.65	14.85	16.04	16.42	17.62	18.00
11	11.37	12.56	11.32	12.51	12.89	14.09	14.47	15.66	16.86	17.24	18.43	18.81
12	12.18	13.37	12.13	13.32	13.70	14.90	15.28	16.47	17.67	18.05	19.24	19.63
13	12.99	14.19	12.94	14.14	14.52	15.71	16.09	17.29	18.48	18.86	20.06	20.44
14	13.80	15.00	13.75	14.95	15.33	16.52	16.91	18.10	19.29	19.68	20.87	21.25
15	14.62	15.81	14.57	15.76	16.14	17.34	17.72	18.91	20.11	20.49	21.68	22.06
16	15.43	16.62	15.38	16.57	16.96	18.15	18.53	19.73	20.92	21.30	22.50	22.88
17	16.24	17.44	16.19	17.39	17.77	18.96	19.34	20.54	21.73	22.11	23.31	23.69
18	17.06	18.25	17.01	18.20	18.58	19.78	20.16	21.35	22.55	22.93	0.12	0.50
19	17.87	19.06	17.82	19.01	19.39	20.59	20.97	22.16	23.36	23.74	0.93	1.32
20	18.68	19.87	18.63	19.82	20.21	21.40	21.78	22.98	0.17	0.55	1.75	2.13
21	19.49	20.69	19.44	20.64	21.02	22.21	22.59	23.79	0.98	1.36	2.56	2.94
22	20.31	21.50	20.26	21.45	21.83	23.03	23.41	0.60	1.80	2.18	3.37	3.75
23	21.12	22.31	21.07	22.26	22.64	23.84	0.22	1.41	2.61	2.99	4.18	4.57
24	21.93	23.13	21.88	23.08	23.46	0.65	1.03	2.23	3.42	3.80	5.00	5.38
25	22.74	23.94	22.69	23.89	0.27	1.46	1.85	3.04	4.23	4.62	5.81	6.19
26	23.56	0.75	23.51	0.70	1.08	2.28	2.66	3.85	5.05	5.43	6.62	7.00
27	0.37	1.56	0.32	1.51	1.90	3.09	3.47	4.67	5.86	6.24	7.44	7.82
28	1.18	2.38	1.13	2.33	2.71	3.90	4.28	5.48	6.67	7.05	8.25	8.63
29	1.99		1.95	3.14	3.52	4.72	5.10	6.29	7.49	7.87	9.06	9.44
30	2.81		2.76	3.95	4.33	5.53	5.91	7.10	8.30	8.68	9.87	10.26
31	3.62		3.57		5.15		6.72	7.92		9.49		11.07

TABLE 1 (CONTINUED) LUNAR PHASE MU

YEAR 1866

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	11.08	13.07	11.83	13.02	13.41	14.60	14.98	16.18	17.37	17.75	18.95	19.33
2	12.09	13.09	12.64	13.84	14.22	15.41	15.79	16.99	18.18	18.56	19.76	20.14
3	13.51	14.70	13.46	14.65	15.03	16.23	16.61	17.80	19.00	19.38	20.57	20.95
4	14.32	15.51	14.27	15.46	15.84	17.04	17.42	18.61	19.81	20.19	21.38	21.77
5	15.13	16.33	15.08	16.28	16.66	17.85	18.23	19.43	20.62	21.00	22.20	22.58
6	15.94	17.14	15.89	17.09	17.47	18.66	19.05	20.24	21.43	21.82	23.01	23.39
7	16.76	17.95	16.71	17.90	18.28	19.48	19.86	21.05	22.25	22.63	23.82	0.20
8	17.57	18.76	17.52	18.71	19.10	20.29	20.67	21.87	23.06	23.44	0.64	1.02
9	18.38	19.58	18.33	19.53	19.91	21.10	21.48	22.68	23.87	0.25	1.45	1.83
10	19.19	20.39	19.15	20.34	20.72	21.92	22.30	23.49	0.69	1.07	2.26	2.64
11	20.01	21.20	19.96	21.15	21.53	22.73	23.11	0.30	1.50	1.88	3.07	3.45
12	20.82	22.01	20.77	21.96	22.35	23.54	23.92	1.12	2.31	2.69	3.89	4.27
13	21.63	22.83	21.58	22.77	23.15	0.35	0.73	1.93	3.12	3.50	4.70	5.08
14	22.45	23.64	22.40	23.59	23.97	1.17	1.55	2.74	3.94	4.32	5.51	5.89
15	23.26	0.45	23.21	0.40	0.78	1.98	2.36	3.55	4.75	5.13	6.32	6.71
16	0.07	1.27	0.02	1.22	1.60	2.79	3.17	4.37	5.56	5.94	7.14	7.52
17	0.88	2.08	0.83	2.03	2.41	3.60	3.99	5.18	6.37	6.76	7.95	8.33
18	1.70	2.89	1.65	2.84	3.22	4.42	4.80	5.99	7.19	7.57	8.76	9.14
19	2.51	3.70	2.46	3.65	4.04	5.23	5.61	6.81	8.00	8.38	9.58	9.96
20	3.32	4.52	3.27	4.47	4.85	6.04	6.42	7.62	8.81	9.19	10.39	10.77
21	4.13	5.33	4.08	5.28	5.66	6.85	7.24	8.43	9.62	10.01	11.20	11.58
22	4.95	6.14	4.90	6.09	6.47	7.67	8.05	9.24	10.44	10.82	12.01	12.39
23	5.76	6.95	5.71	6.90	7.29	8.48	8.86	10.06	11.25	11.63	12.83	13.21
24	6.57	7.77	6.52	7.72	8.10	9.29	9.67	10.87	12.06	12.44	13.64	14.02
25	7.39	8.58	7.34	8.53	8.91	10.11	10.49	11.68	12.88	13.26	14.45	14.83
26	8.20	9.39	8.15	9.34	9.72	10.92	11.30	12.49	13.69	14.07	15.26	15.65
27	9.01	10.21	8.96	10.16	10.54	11.73	12.11	13.31	14.50	14.88	16.08	16.46
28	9.82	11.02	9.77	10.97	11.35	12.54	12.93	14.12	15.31	15.70	16.89	17.27
29	10.64		10.59	11.78	12.16	13.36	13.74	14.93	16.13	16.51	17.70	18.08
30	11.45		11.40	12.59	12.98	14.17	14.55	15.75	16.94	17.32	18.51	18.90
31	12.26		12.21		13.79		15.36	16.56		18.13		19.71

TABLE 1 (CONTINUED) LUNAR PHASE MU

YEAR 1867

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	20.52	21.72	20.47	21.67	22.05	23.24	23.62	0.82	2.01	2.39	3.59	3.97
2	21.33	22.53	21.28	22.48	22.86	0.05	0.44	1.63	2.82	3.21	4.40	4.78
3	22.15	23.34	22.10	23.29	23.67	0.87	1.25	2.44	3.64	4.02	5.21	5.59
4	22.96	0.15	22.91	0.10	0.49	1.68	2.06	3.26	4.45	4.83	6.03	6.41
5	23.77	0.97	23.72	0.92	1.30	2.49	2.87	4.07	5.26	5.64	6.84	7.22
6	0.59	1.78	0.54	1.73	2.11	3.31	3.69	4.88	6.08	6.46	7.65	8.03
7	1.40	2.59	1.35	2.54	2.92	4.12	4.50	5.69	6.89	7.27	8.46	8.85
8	2.21	3.41	2.16	3.36	3.74	4.93	5.31	6.51	7.70	8.08	9.28	9.66
9	3.02	4.22	2.97	4.17	4.55	5.74	6.13	7.32	8.51	8.90	10.09	10.47
10	3.84	5.03	3.79	4.98	5.36	6.56	6.94	8.13	9.33	9.71	10.90	11.28
11	4.65	5.84	4.60	5.79	6.18	7.37	7.75	8.95	10.14	10.52	11.71	12.10
12	5.46	6.66	5.41	6.61	6.99	8.18	8.56	9.76	10.95	11.33	12.53	12.91
13	6.27	7.47	6.22	7.42	7.80	8.99	9.38	10.57	11.76	12.15	13.34	13.72
14	7.09	8.28	7.04	8.23	8.61	9.81	10.19	11.38	12.58	12.96	14.15	14.53
15	7.90	9.09	7.85	9.04	9.43	10.62	11.00	12.20	13.39	13.77	14.97	15.35
16	8.71	9.91	8.66	9.86	10.24	11.43	11.81	13.01	14.20	14.58	15.78	16.16
17	9.53	10.72	9.48	10.67	11.05	12.25	12.63	13.82	15.02	15.40	16.59	16.97
18	10.34	11.53	10.29	11.48	11.86	13.06	13.44	14.63	15.83	16.21	17.40	17.79
19	11.15	12.35	11.10	12.30	12.68	13.87	14.25	15.45	16.64	17.02	18.22	18.60
20	11.96	13.16	11.91	13.11	13.49	14.68	15.07	16.26	17.45	17.84	19.03	19.41
21	12.78	13.97	12.73	13.92	14.30	15.50	15.88	17.07	18.27	18.65	19.84	20.22
22	13.59	14.78	13.54	14.73	15.12	16.31	16.69	17.88	19.08	19.46	20.65	21.04
23	14.40	15.60	14.35	15.55	15.93	17.12	17.50	18.70	19.89	20.27	21.47	21.85
24	15.21	16.41	15.16	16.36	16.74	17.93	18.32	19.51	20.70	21.09	22.28	22.66
25	16.03	17.22	15.98	17.17	17.55	18.75	19.13	20.32	21.52	21.90	23.09	23.47
26	16.84	18.03	16.79	17.98	18.37	19.56	19.94	21.14	22.33	22.71	23.91	0.29
27	17.65	18.85	17.60	18.80	19.18	20.37	20.75	21.95	23.14	23.52	0.72	1.10
28	18.47	19.66	18.42	19.61	19.99	21.19	21.57	22.76	23.96	0.34	1.53	1.91
29	19.28		19.23	20.42	20.80	22.00	22.38	23.57	0.77	1.15	2.34	2.73
30	20.09		20.04	21.24	21.62	22.81	23.19	0.39	1.58	1.96	3.16	3.54
31	20.90		20.85		22.43		0.01	1.20		2.78		4.35

TABLE 1 (CONTINUED) LUNAR PHASE MU

YEAR 1868

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	5.16	6.36	5.93	7.12	7.50	8.70	9.08	10.27	11.47	11.85	13.04	13.42
2	5.98	7.17	6.74	7.93	8.31	9.51	9.89	11.08	12.28	12.66	13.85	14.24
3	6.79	7.98	7.55	8.75	9.13	10.32	10.70	11.90	13.09	13.47	14.67	15.05
4	7.60	8.80	8.36	9.56	9.94	11.13	11.52	12.71	13.90	14.29	15.48	15.86
5	8.41	9.61	9.18	10.37	10.75	11.95	12.33	13.52	14.72	15.10	16.29	16.67
6	9.23	10.42	9.99	11.18	11.57	12.76	13.14	14.34	15.53	15.91	17.11	17.49
7	10.04	11.23	10.80	12.00	12.38	13.57	13.95	15.15	16.34	16.72	17.92	18.30
8	10.85	12.05	11.62	12.81	13.19	14.39	14.77	15.96	17.16	17.54	18.73	19.11
9	11.67	12.86	12.43	13.62	14.00	15.20	15.58	16.77	17.97	18.35	19.54	19.93
10	12.48	13.67	13.24	14.44	14.82	16.01	16.39	17.59	18.78	19.16	20.36	20.74
11	13.29	14.48	14.05	15.25	15.63	16.82	17.21	18.40	19.59	19.98	21.17	21.55
12	14.10	15.30	14.87	16.06	16.44	17.64	18.02	19.21	20.41	20.79	21.98	22.36
13	14.92	16.11	15.68	16.87	17.25	18.45	18.83	20.02	21.22	21.60	22.79	23.18
14	15.73	16.92	16.49	17.69	18.07	19.26	19.64	20.84	22.03	22.41	23.61	23.99
15	16.54	17.74	17.30	18.50	18.88	20.07	20.46	21.65	22.84	23.23	0.42	0.80
16	17.35	18.55	18.12	19.31	19.69	20.89	21.27	22.46	23.66	0.04	1.23	1.61
17	18.17	19.36	18.93	20.12	20.51	21.70	22.08	23.28	0.47	0.85	2.05	2.43
18	18.98	20.17	19.74	20.94	21.32	22.51	22.89	0.09	1.28	1.66	2.86	3.24
19	19.79	20.99	20.56	21.75	22.13	23.33	23.71	0.90	2.10	2.48	3.67	4.05
20	20.61	21.80	21.37	22.56	22.94	0.14	0.52	1.71	2.91	3.29	4.48	4.87
21	21.42	22.61	22.18	23.38	23.76	0.95	1.33	2.53	3.72	4.10	5.30	5.68
22	22.23	23.42	22.99	0.19	0.57	1.76	2.14	3.34	4.53	4.91	6.11	6.49
23	23.04	0.24	23.81	1.00	1.38	2.58	2.96	4.15	5.35	5.73	6.92	7.30
24	23.86	1.05	0.62	1.81	2.19	3.39	3.77	4.96	6.16	6.54	7.73	8.12
25	0.67	1.86	1.43	2.63	3.01	4.20	4.58	5.78	6.97	7.35	8.55	8.93
26	1.48	2.68	2.24	3.44	3.82	5.01	5.40	6.59	7.78	8.17	9.36	9.74
27	2.29	3.49	3.06	4.25	4.63	5.83	6.21	7.40	8.60	8.98	10.17	10.55
28	3.11	4.30	3.87	5.06	5.45	6.64	7.02	8.22	9.41	9.79	10.99	11.37
29	3.92	5.11	4.68	5.88	6.26	7.45	7.83	9.03	10.22	10.60	11.80	12.18
30	4.73		5.50	6.69	7.07	8.27	8.65	9.84	11.04	11.42	12.61	12.99
31	5.55		6.31		7.88		9.46	10.65		12.23		13.81

TABLE 1 (CONTINUED) LUNAR PHASE MU

YEAR 1869

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	14.62	15.81	14.57	15.76	16.14	17.34	17.72	18.91	20.11	20.49	21.68	22.07
2	15.43	16.62	15.38	16.57	16.96	18.15	18.53	19.73	20.92	21.30	22.50	22.88
3	16.24	17.44	16.19	17.39	17.77	18.96	19.34	20.54	21.73	22.11	23.31	23.69
4	17.06	18.25	17.01	18.20	18.58	19.78	20.16	21.35	22.55	22.93	0.12	0.50
5	17.87	19.06	17.82	19.01	19.39	20.59	20.97	22.16	23.36	23.74	0.93	1.32
6	18.68	19.88	18.63	19.83	20.21	21.40	21.78	22.98	0.17	0.55	1.75	2.13
7	19.49	20.69	19.44	20.64	21.02	22.21	22.60	23.79	0.98	1.37	2.56	2.94
8	20.31	21.50	20.26	21.45	21.83	23.03	23.41	0.60	1.80	2.18	3.37	3.75
9	21.12	22.31	21.07	22.26	22.65	23.84	0.22	1.42	2.61	2.99	4.19	4.57
10	21.93	23.13	21.88	23.08	23.46	0.65	1.03	2.23	3.42	3.80	5.00	5.38
11	22.75	23.94	22.70	23.89	0.27	1.47	1.85	3.04	4.24	4.62	5.81	6.19
12	23.56	0.75	23.51	0.70	1.08	2.28	2.66	3.85	5.05	5.43	6.62	7.01
13	0.37	1.56	0.32	1.51	1.90	3.09	3.47	4.67	5.86	6.24	7.44	7.82
14	1.18	2.38	1.13	2.33	2.71	3.90	4.28	5.48	6.67	7.05	8.25	8.63
15	2.00	3.19	1.95	3.14	3.52	4.72	5.10	6.29	7.49	7.87	9.06	9.44
16	2.81	4.00	2.76	3.95	4.33	5.53	5.91	7.10	8.30	8.68	9.87	10.26
17	3.62	4.82	3.57	4.77	5.15	6.34	6.72	7.92	9.11	9.49	10.69	11.07
18	4.43	5.63	4.38	5.58	5.96	7.15	7.54	8.73	9.92	10.31	11.50	11.88
19	5.25	6.44	5.20	6.39	6.77	7.97	8.35	9.54	10.74	11.12	12.31	12.69
20	6.06	7.25	6.01	7.20	7.59	8.78	9.16	10.36	11.55	11.93	13.13	13.51
21	6.87	8.07	6.82	8.02	8.40	9.59	9.97	11.17	12.36	12.74	13.94	14.32
22	7.68	8.88	7.64	8.83	9.21	10.41	10.79	11.98	13.18	13.56	14.75	15.13
23	8.50	9.69	8.45	9.64	10.02	11.22	11.60	12.79	13.99	14.37	15.56	15.94
24	9.31	10.50	9.26	10.45	10.84	12.03	12.41	13.61	14.80	15.18	16.38	16.76
25	10.12	11.32	10.07	11.27	11.65	12.84	13.22	14.42	15.61	15.99	17.19	17.57
26	10.94	12.13	10.89	12.08	12.46	13.66	14.04	15.23	16.43	16.81	18.00	18.38
27	11.75	12.94	11.70	12.89	13.27	14.47	14.85	16.04	17.24	17.62	18.81	19.20
28	12.56	13.76	12.51	13.71	14.09	15.28	15.66	16.86	18.05	18.43	19.63	20.01
29	13.37		13.32	14.52	14.90	16.09	16.48	17.67	18.86	19.25	20.44	20.82
30	14.19		14.14	15.33	15.71	16.91	17.29	18.48	19.68	20.06	21.25	21.63
31	15.00		14.95		16.53		18.10	19.30		20.87		22.45

TABLE 1 (CONTINUED) LUNAR PHASE MU

YEAR 1870

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	23.26	0.45	23.21	0.40	0.79	1.98	2.36	3.56	4.75	5.13	6.33	6.71
2	0.07	1.27	0.02	1.22	1.80	2.79	3.17	4.37	5.56	5.94	7.14	7.52
3	0.88	2.08	0.84	2.03	2.41	3.61	3.99	5.18	6.37	6.76	7.95	8.33
4	1.70	2.89	1.65	2.84	3.22	4.42	4.80	5.99	7.19	7.57	8.76	9.14
5	2.51	3.70	2.46	3.65	4.04	5.23	5.61	6.81	8.00	8.38	9.58	9.96
6	3.32	4.52	3.27	4.47	4.85	6.04	6.42	7.62	8.81	9.19	10.39	10.77
7	4.14	5.33	4.09	5.28	5.66	6.86	7.24	8.43	9.63	10.01	11.20	11.58
8	4.95	6.14	4.90	6.09	6.47	7.67	8.05	9.24	10.44	10.82	12.01	12.40
9	5.76	6.96	5.71	6.91	7.29	8.48	8.86	10.06	11.25	11.63	12.83	13.21
10	6.57	7.77	6.52	7.72	8.10	9.29	9.68	10.87	12.06	12.45	13.64	14.02
11	7.39	8.58	7.34	8.53	8.91	10.11	10.49	11.68	12.88	13.26	14.45	14.83
12	8.20	9.39	8.15	9.34	9.73	10.92	11.30	12.50	13.69	14.07	15.27	15.65
13	9.01	10.21	8.96	10.16	10.54	11.73	12.11	13.31	14.50	14.88	16.08	16.46
14	9.82	11.02	9.77	10.97	11.35	12.54	12.93	14.12	15.31	15.70	16.89	17.27
15	10.64	11.83	10.59	11.78	12.16	13.36	13.74	14.93	16.13	16.51	17.70	18.08
16	11.45	12.64	11.40	12.59	12.98	14.17	14.55	15.75	16.94	17.32	18.52	18.90
17	12.26	13.46	12.21	13.41	13.79	14.98	15.36	16.56	17.75	18.13	19.33	19.71
18	13.08	14.27	13.03	14.22	14.60	15.80	16.18	17.37	18.57	18.95	20.14	20.52
19	13.89	15.08	13.84	15.03	15.41	16.61	16.99	18.18	19.38	19.76	20.95	21.34
20	14.70	15.90	14.65	15.85	16.23	17.42	17.80	19.00	20.19	20.57	21.77	22.15
21	15.51	16.71	15.46	16.66	17.04	18.23	18.62	19.81	21.00	21.39	22.58	22.96
22	16.33	17.52	16.28	17.47	17.85	19.05	19.43	20.62	21.82	22.20	23.39	23.77
23	17.14	18.33	17.09	18.28	18.67	19.86	20.24	21.44	22.63	23.01	0.20	0.59
24	17.95	19.15	17.90	19.10	19.48	20.67	21.05	22.25	23.44	23.82	1.02	1.40
25	18.76	19.96	18.71	19.91	20.29	21.48	21.87	23.06	0.25	0.64	1.83	2.21
26	19.58	20.77	19.53	20.72	21.10	22.30	22.68	23.87	1.07	1.45	2.64	3.02
27	20.39	21.58	20.34	21.53	21.92	23.11	23.49	0.69	1.88	2.26	3.46	3.84
28	21.20	22.40	21.15	22.35	22.73	23.92	0.30	1.50	2.69	3.07	4.27	4.65
29	22.02		21.97	23.16	23.54	0.74	1.12	2.31	3.51	3.89	5.08	5.46
30	22.83		22.78	23.97	0.35	1.55	1.93	3.12	4.32	4.70	5.89	6.28
31	23.64		23.59		1.17		2.74	3.94		5.51		7.09

TABLE 1 (CONTINUED) LUNAR PHASE MU

YEAR 1871

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	7.90	9.10	7.85	9.05	9.43	10.62	11.00	12.20	13.39	13.77	14.97	15.35
2	8.71	9.91	8.66	9.86	10.24	11.43	11.82	13.01	14.20	14.59	15.78	16.16
3	9.53	10.72	9.48	10.67	11.05	12.25	12.63	13.82	15.02	15.40	16.59	16.97
4	10.34	11.53	10.29	11.48	11.87	13.06	13.44	14.63	15.83	16.21	17.40	17.79
5	11.15	12.35	11.10	12.30	12.68	13.87	14.25	15.45	16.64	17.02	18.22	18.60
6	11.96	13.16	11.91	13.11	13.49	14.68	15.07	16.26	17.45	17.84	19.03	19.41
7	12.78	13.97	12.73	13.92	14.30	15.50	15.88	17.07	18.27	18.65	19.84	20.22
8	13.59	14.78	13.54	14.73	15.12	16.31	16.69	17.89	19.08	19.46	20.66	21.04
9	14.40	15.60	14.35	15.55	15.93	17.12	17.50	18.70	19.89	20.27	21.47	21.85
10	15.22	16.41	15.17	16.36	16.74	17.94	18.32	19.51	20.71	21.09	22.28	22.66
11	16.03	17.22	15.98	17.17	17.55	18.75	19.13	20.32	21.52	21.90	23.09	23.48
12	16.84	18.04	16.79	17.99	18.37	19.56	19.94	21.14	22.33	22.71	23.91	0.29
13	17.65	18.85	17.60	18.80	19.18	20.37	20.76	21.95	23.14	23.53	0.72	1.10
14	18.47	19.66	18.42	19.61	19.99	21.19	21.57	22.76	23.96	0.34	1.53	1.91
15	19.28	20.47	19.23	20.42	20.80	22.00	22.38	23.57	0.77	1.15	2.34	2.73
16	20.09	21.29	20.04	21.24	21.62	22.81	23.19	0.39	1.58	1.96	3.16	3.54
17	20.90	22.10	20.85	22.05	22.43	23.62	0.01	1.20	2.39	2.78	3.97	4.35
18	21.72	22.91	21.67	22.86	23.24	0.44	0.82	2.01	3.21	3.59	4.78	5.16
19	22.53	23.72	22.48	23.67	0.06	1.25	1.63	2.83	4.02	4.40	5.60	5.98
20	23.34	0.54	23.29	0.49	0.87	2.06	2.44	3.64	4.83	5.21	6.41	6.79
21	0.16	1.35	0.11	1.30	1.68	2.88	3.26	4.45	5.65	6.03	7.22	7.60
22	0.97	2.16	0.92	2.11	2.49	3.69	4.07	5.26	6.46	6.84	8.03	8.42
23	1.78	2.97	1.73	2.93	3.31	4.50	4.88	6.08	7.27	7.65	8.85	9.23
24	2.59	3.79	2.54	3.74	4.12	5.31	5.70	6.89	8.08	8.47	9.66	10.04
25	3.41	4.60	3.36	4.55	4.93	6.13	6.51	7.70	8.90	9.28	10.47	10.85
26	4.22	5.41	4.17	5.36	5.74	6.94	7.32	8.51	9.71	10.09	11.28	11.67
27	5.03	6.23	4.98	6.18	6.56	7.75	8.13	9.33	10.52	10.90	12.10	12.48
28	5.84	7.04		6.99	7.37	8.56	8.95	10.14	11.33	11.72	12.91	13.29
29	6.66		6.61	7.80	8.18	9.38	9.76	10.95	12.15	12.53	13.72	14.10
30	7.47		7.42	8.61	9.00	10.19	10.57	11.77	12.96	13.34	14.54	14.92
31	8.28		8.23		9.61		11.38	12.58		14.15		15.73

TABLE 1 (CONTINUED) LUNAR PHASE NU

YEAR 1872

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	16.54	17.74	17.31	18.50	18.88	20.08	20.46	21.65	22.85	23.23	0.42	0.80
2	17.36	18.55	18.12	19.31	19.69	20.89	21.27	22.46	23.66	0.04	1.23	1.62
3	18.17	19.36	18.93	20.13	20.51	21.70	22.08	23.28	0.47	0.85	2.05	2.43
4	18.98	20.17	19.74	20.94	21.32	22.51	22.90	0.09	1.28	1.66	2.86	3.24
5	19.79	20.99	20.56	21.75	22.13	23.33	23.71	0.90	2.10	2.48	3.67	4.05
6	20.61	21.80	21.37	22.56	22.94	0.14	0.52	1.71	2.91	3.29	4.48	4.87
7	21.42	22.61	22.18	23.38	23.76	0.95	1.33	2.53	3.72	4.10	5.30	5.68
8	22.23	23.43	22.99	0.19	0.57	1.76	2.15	3.34	4.53	4.92	6.11	6.49
9	23.04	0.24	23.81	1.00	1.38	2.58	2.96	4.15	5.35	5.73	6.92	7.30
10	23.86	1.05	0.62	1.81	2.20	3.39	3.77	4.97	6.16	6.54	7.74	8.12
11	0.67	1.86	1.43	2.63	3.01	4.20	4.58	5.78	6.97	7.35	8.55	8.93
12	1.48	2.68	2.25	3.44	3.82	5.02	5.40	6.59	7.79	8.17	9.36	9.74
13	2.30	3.49	3.06	4.25	4.63	5.83	6.21	7.40	8.60	8.98	10.17	10.56
14	3.11	4.30	3.87	5.06	5.45	6.64	7.02	8.22	9.41	9.79	10.99	11.37
15	3.92	5.11	4.68	5.88	6.26	7.45	7.83	9.03	10.22	10.60	11.80	12.18
16	4.73	5.93	5.50	6.69	7.07	8.27	8.65	9.84	11.04	11.42	12.61	12.99
17	5.55	6.74	6.31	7.50	7.88	9.08	9.46	10.65	11.85	12.23	13.42	13.81
18	6.36	7.55	7.12	8.32	8.70	9.89	10.27	11.47	12.66	13.04	14.24	14.62
19	7.17	8.37	7.93	9.13	9.51	10.70	11.09	12.28	13.47	13.86	15.05	15.43
20	7.98	9.18	8.75	9.94	10.32	11.52	11.90	13.09	14.29	14.67	15.86	16.24
21	8.80	9.99	9.56	10.75	11.14	12.33	12.71	13.91	15.10	15.48	16.68	17.06
22	9.61	10.80	10.37	11.57	11.95	13.14	13.52	14.72	15.91	16.29	17.49	17.87
23	10.42	11.62	11.19	12.38	12.76	13.96	14.34	15.53	16.73	17.11	18.30	18.68
24	11.24	12.43	12.00	13.19	13.57	14.77	15.15	16.34	17.54	17.92	19.11	19.50
25	12.05	13.24	12.81	14.00	14.39	15.58	15.96	17.16	18.35	18.73	19.93	20.31
26	12.86	14.05	13.62	14.82	15.20	16.39	16.77	17.97	19.16	19.54	20.74	21.12
27	13.67	14.87	14.44	15.63	16.01	17.21	17.59	18.78	19.98	20.36	21.55	21.93
28	14.49	15.68	15.25	16.44	16.82	18.02	18.40	19.59	20.79	21.17	22.36	22.75
29	15.30	16.49	16.06	17.26	17.64	18.83	19.21	20.41	21.60	21.98	23.18	23.56
30	16.11		16.87	18.07	18.45	19.64	20.03	21.22	22.41	22.80	23.99	0.37
31	16.92		17.69		19.26		20.84	22.03		23.61		1.18

TABLE 1 (CONTINUED) LUNAR PHASE NU

YEAR 1873

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	2.00	3.19	1.95	3.14	3.52	4.72	5.10	6.29	7.49	7.87	9.06	9.44
2	2.81	4.00	2.76	3.95	4.34	5.53	5.91	7.11	8.30	8.68	9.88	10.26
3	3.62	4.82	3.57	4.77	5.15	6.34	6.72	7.92	9.11	9.49	10.69	11.07
4	4.43	5.63	4.39	5.58	5.96	7.16	7.54	8.73	9.93	10.31	11.50	11.88
5	5.25	6.44	5.20	6.39	6.77	7.97	8.35	9.54	10.74	11.12	12.31	12.69
6	6.06	7.25	6.01	7.20	7.59	8.78	9.16	10.36	11.55	11.93	13.13	13.51
7	6.87	8.07	6.82	8.02	8.40	9.59	9.97	11.17	12.36	12.74	13.94	14.32
8	7.69	8.88	7.64	8.83	9.21	10.41	10.79	11.98	13.18	13.56	14.75	15.13
9	8.50	9.69	8.45	9.64	10.02	11.22	11.60	12.79	13.99	14.37	15.56	15.95
10	9.31	10.51	9.26	10.46	10.84	12.03	12.41	13.61	14.80	15.18	16.38	16.76
11	10.12	11.32	10.07	11.27	11.65	12.84	13.23	14.42	15.61	16.00	17.19	17.57
12	10.94	12.13	10.89	12.08	12.46	13.66	14.04	15.23	16.43	16.81	18.00	18.38
13	11.75	12.94	11.70	12.89	13.28	14.47	14.85	16.05	17.24	17.62	18.82	19.20
14	12.56	13.76	12.51	13.71	14.09	15.28	15.66	16.86	18.05	18.43	19.63	20.01
15	13.37	14.57	13.33	14.52	14.90	16.09	16.48	17.67	18.86	19.25	20.44	20.82
16	14.19	15.38	14.14	15.33	15.71	16.91	17.29	18.48	19.68	20.06	21.25	21.63
17	15.00	16.19	14.95	16.14	16.53	17.72	18.10	19.30	20.49	20.87	22.07	22.45
18	15.81	17.01	15.76	16.96	17.34	18.53	18.91	20.11	21.30	21.68	22.88	23.26
19	16.63	17.82	16.58	17.77	18.15	19.35	19.73	20.92	22.12	22.50	23.69	0.07
20	17.44	18.63	17.39	18.58	18.96	20.16	20.54	21.73	22.93	23.31	0.50	0.89
21	18.25	19.45	18.20	19.40	19.78	20.97	21.35	22.55	23.74	0.12	1.32	1.70
22	19.06	20.26	19.01	20.21	20.59	21.78	22.17	23.36	0.55	0.94	2.13	2.51
23	19.88	21.07	19.83	21.02	21.40	22.60	22.98	0.17	1.37	1.75	2.94	3.32
24	20.69	21.88	20.64	21.83	22.22	23.41	23.79	0.99	2.18	2.56	3.76	4.14
25	21.50	22.70	21.45	22.65	23.03	0.22	0.60	1.80	2.99	3.37	4.57	4.95
26	22.31	23.51	22.26	23.46	23.84	1.03	1.42	2.61	3.80	4.19	5.38	5.76
27	23.13	0.32	23.08	0.27	0.65	1.85	2.23	3.42	4.62	5.00	6.19	6.57
28	23.94	1.13	23.89	1.08	1.47	2.66	3.04	4.24	5.43	5.81	7.01	7.39
29	0.75		0.70	1.90	2.28	3.47	3.85	5.05	6.24	6.62	7.82	8.20
30	1.57		1.52	2.71	3.09	4.29	4.67	5.86	7.06	7.44	8.63	9.01
31	2.38		2.33		3.90		5.48	6.67		8.25		9.83

TABLE 1 (CONTINUED) LUNAR PHASE NU

YEAR 1874

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	10.64	11.63	10.59	11.78	12.16	13.36	13.74	14.93	16.13	16.51	17.70	18.09
2	11.45	12.65	11.40	12.60	12.98	14.17	14.55	15.75	16.94	17.32	18.52	18.90
3	12.26	13.46	12.21	13.41	13.79	14.98	15.37	16.56	17.75	18.14	19.33	19.71
4	13.08	14.27	13.03	14.22	14.60	15.80	16.18	17.37	18.57	18.95	20.14	20.52
5	13.89	15.08	13.84	15.03	15.42	16.61	16.99	18.19	19.38	19.76	20.96	21.34
6	14.70	15.90	14.65	15.85	16.23	17.42	17.80	19.00	20.19	20.57	21.77	22.15
7	15.51	16.71	15.46	16.66	17.04	18.23	18.62	19.81	21.00	21.39	22.58	22.96
8	16.33	17.52	16.28	17.47	17.85	19.05	19.43	20.62	21.82	22.20	23.39	23.77
9	17.14	18.33	17.09	18.28	18.67	19.86	20.24	21.44	22.63	23.01	0.21	0.59
10	17.95	19.15	17.90	19.10	19.48	20.67	21.05	22.25	23.44	23.82	1.02	1.40
11	18.77	19.96	18.72	19.91	20.29	21.49	21.87	23.06	0.26	0.64	1.83	2.21
12	19.58	20.77	19.53	20.72	21.10	22.30	22.68	23.87	1.07	1.45	2.64	3.03
13	20.39	21.59	20.34	21.54	21.92	23.11	23.49	0.69	1.88	2.26	3.46	3.84
14	21.20	22.40	21.15	22.35	22.73	23.92	0.31	1.50	2.69	3.08	4.27	4.65
15	22.02	23.21	21.97	23.16	23.54	0.74	1.12	2.31	3.51	3.89	5.08	5.46
16	22.83	0.02	22.78	23.97	0.36	1.55	1.93	3.13	4.32	4.70	5.89	6.28
17	23.64	0.84	23.59	0.79	1.17	2.36	2.74	3.94	5.13	5.51	6.71	7.09
18	0.45	1.65	0.40	1.60	1.98	3.17	3.56	4.75	5.94	6.33	7.52	7.90
19	1.27	2.46	1.22	2.41	2.79	3.99	4.37	5.56	6.76	7.14	8.33	8.71
20	2.08	3.27	2.03	3.22	3.61	4.80	5.18	6.38	7.57	7.95	9.15	9.53
21	2.89	4.09	2.84	4.04	4.42	5.61	5.99	7.19	8.38	8.76	9.96	10.34
22	3.71	4.90	3.66	4.85	5.23	6.43	6.81	8.00	9.20	9.58	10.77	11.15
23	4.52	5.71	4.47	5.66	6.04	7.24	7.62	8.81	10.01	10.39	11.58	11.97
24	5.33	6.52	5.28	6.48	6.86	8.05	8.43	9.63	10.82	11.20	12.40	12.78
25	6.14	7.34	6.09	7.29	7.67	8.86	9.25	10.44	11.63	12.02	13.21	13.59
26	6.96	8.15	6.91	8.10	8.48	9.68	10.06	11.25	12.45	12.83	14.02	14.40
27	7.77	8.96	7.72	8.91	9.29	10.49	10.87	12.06	13.26	13.64	14.83	15.22
28	8.58	9.78	8.53	9.73	10.11	11.30	11.68	12.88	14.07	14.45	15.65	16.03
29	9.39		9.34	10.54	10.92	12.11	12.50	13.69	14.88	15.27	16.46	16.84
30	10.21		10.16	11.35	11.73	12.93	13.31	14.50	15.70	16.08	17.27	17.65
31	11.02		10.97		12.55		14.12	15.32		16.89		18.47

TABLE 1 (CONTINUED) LUNAR PHASE NU

YEAR 1875

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	19.28	20.47	19.23	20.42	20.81	22.00	22.38	23.58	0.77	1.15	2.35	2.73
2	20.09	21.29	20.04	21.24	21.62	22.81	23.19	0.39	1.58	1.96	3.16	3.54
3	20.91	22.10	20.86	22.05	22.43	23.63	0.01	1.20	2.40	2.78	3.97	4.35
4	21.72	22.91	21.67	22.86	23.24	0.44	0.82	2.01	3.21	3.59	4.78	5.17
5	22.53	23.73	22.48	23.68	0.06	1.25	1.63	2.83	4.02	4.40	5.60	5.98
6	23.34	0.54	23.29	0.49	0.87	2.06	2.45	3.64	4.83	5.22	6.41	6.79
7	0.16	1.35	0.11	1.30	1.68	2.88	3.26	4.45	5.65	6.03	7.22	7.60
8	0.97	2.16	0.92	2.11	2.49	3.69	4.07	5.26	6.46	6.84	8.03	8.42
9	1.78	2.98	1.73	2.93	3.31	4.50	4.88	6.08	7.27	7.65	8.85	9.23
10	2.59	3.79	2.54	3.74	4.12	5.31	5.70	6.89	8.08	8.47	9.66	10.04
11	3.41	4.60	3.36	4.55	4.93	6.13	6.51	7.70	8.90	9.28	10.47	10.85
12	4.22	5.41	4.17	5.36	5.75	6.94	7.32	8.52	9.71	10.09	11.29	11.67
13	5.03	6.23	4.98	6.18	6.56	7.75	8.13	9.33	10.52	10.90	12.10	12.48
14	5.85	7.04	5.80	6.99	7.37	8.57	8.95	10.14	11.34	11.72	12.91	13.29
15	6.66	7.85	6.61	7.80	8.18	9.38	9.76	10.95	12.15	12.53	13.72	14.11
16	7.47	8.66	7.42	8.62	9.00	10.19	10.57	11.77	12.96	13.34	14.54	14.92
17	8.28	9.48	8.23	9.43	9.81	11.00	11.39	12.58	13.77	14.16	15.35	15.73
18	9.10	10.29	9.05	10.24	10.62	11.82	12.20	13.39	14.59	14.97	16.16	16.54
19	9.91	11.10	9.86	11.05	11.43	12.63	13.01	14.20	15.40	15.78	16.97	17.36
20	10.72	11.92	10.67	11.87	12.25	13.44	13.82	15.02	16.21	16.59	17.79	18.17
21	11.53	12.73	11.48	12.68	13.06	14.25	14.64	15.83	17.02	17.41	18.60	18.98
22	12.35	13.54	12.30	13.49	13.87	15.07	15.45	16.64	17.84	18.22	19.41	19.79
23	13.16	14.35	13.11	14.30	14.69	15.88	16.26	17.46	18.65	19.03	20.23	20.61
24	13.97	15.17	13.92	15.12	15.50	16.69	17.07	18.27	19.46	19.84	21.04	21.42
25	14.79	15.98	14.74	15.93	16.31	17.51	17.89	19.08	20.28	20.66	21.85	22.23
26	15.60	16.79	15.55	16.74	17.12	18.32	18.70	19.89	21.09	21.47	22.66	23.05
27	16.41	17.60	16.36	17.56	17.94	19.13	19.51	20.71	21.90	22.28	23.48	23.86
28	17.22	18.42		18.37	18.75	19.94	20.32	21.52	22.71	23.09	0.29	0.67
29	18.04		17.99	19.18	19.56	20.76	21.14	22.33	23.53	23.91	1.10	1.48
30	18.85		18.80	19.99	20.37	21.57	21.95	23.14	0.34	0.72	1.91	2.30
31	19.66		19.61		21.19		22.76	23.96		1.53		3.11

TABLE 1 (CONTINUED) LUNAR PHASE NU

YEAR 1876

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	3.92	5.12	4.68	5.88	6.26	7.45	7.84	9.03	10.22	10.61	11.80	12.18
2	4.73	5.93	5.50	6.69	7.07	8.27	8.65	9.84	11.04	11.42	12.61	12.99
3	5.55	6.74	6.31	7.50	7.89	9.08	9.46	10.66	11.85	12.23	13.43	13.81
4	6.36	7.55	7.12	8.32	8.70	9.89	10.27	11.47	12.66	13.04	14.24	14.62
5	7.17	8.37	7.94	9.13	9.51	10.71	11.09	12.28	13.48	13.86	15.05	15.43
6	7.99	9.18	8.75	9.94	10.32	11.52	11.90	13.09	14.29	14.67	15.86	16.25
7	8.80	9.99	9.56	10.76	11.14	12.33	12.71	13.91	15.10	15.48	16.68	17.06
8	9.61	10.80	10.37	11.57	11.95	13.14	13.52	14.72	15.91	16.29	17.49	17.87
9	10.42	11.62	11.19	12.38	12.76	13.96	14.34	15.53	16.73	17.11	18.30	18.68
10	11.24	12.43	12.00	13.19	13.57	14.77	15.15	16.34	17.54	17.92	19.11	19.50
11	12.05	13.24	12.81	14.01	14.39	15.58	15.96	17.16	18.35	18.73	19.93	20.31
12	12.86	14.06	13.62	14.82	15.20	16.39	16.78	17.97	19.16	19.55	20.74	21.12
13	13.67	14.87	14.44	15.63	16.01	17.21	17.59	18.78	19.98	20.36	21.55	21.93
14	14.49	15.68	15.25	16.44	16.83	18.02	18.40	19.60	20.79	21.17	22.37	22.75
15	15.30	16.49	16.06	17.26	17.64	18.83	19.21	20.41	21.60	21.98	23.18	23.56
16	16.11	17.31	16.88	18.07	18.45	19.65	20.03	21.22	22.42	22.80	23.99	0.37
17	16.92	18.12	17.69	18.88	19.26	20.46	20.84	22.03	23.23	23.61	0.80	1.19
18	17.74	18.93	18.50	19.69	20.08	21.27	21.65	22.85	0.04	0.42	1.62	2.00
19	18.55	19.74	19.31	20.51	20.89	22.08	22.46	23.66	0.85	1.23	2.43	2.81
20	19.36	20.56	20.13	21.32	21.70	22.90	23.28	0.47	1.67	2.05	3.24	3.62
21	20.18	21.37	20.94	22.13	22.51	23.71	0.09	1.28	2.48	2.86	4.05	4.44
22	20.99	22.18	21.75	22.95	23.33	0.52	0.90	2.10	3.29	3.67	4.87	5.25
23	21.80	23.00	22.56	23.76	0.14	1.33	1.72	2.91	4.10	4.49	5.68	6.06
24	22.61	23.81	23.38	0.57	0.95	2.15	2.53	3.72	4.92	5.30	6.49	6.87
25	23.43	0.62	0.19	1.38	1.77	2.96	3.34	4.54	5.73	6.11	7.31	7.69
26	0.24	1.43	1.00	2.20	2.58	3.77	4.15	5.35	6.54	6.92	8.12	8.50
27	1.05	2.25	1.82	3.01	3.39	4.59	4.97	6.16	7.35	7.74	8.93	9.31
28	1.86	3.06	2.63	3.82	4.20	5.40	5.78	6.97	8.17	8.55	9.74	10.12
29	2.68	3.87	3.44	4.63	5.02	6.21	6.59	7.79	8.98	9.36	10.56	10.94
30	3.49		4.25	5.45	5.83	7.02	7.40	8.60	9.79	10.17	11.37	11.75
31	4.30		5.07		6.64		8.22	9.41		10.99		12.56

TABLE 1 (CONTINUED) LUNAR PHASE NU

YEAR 1877

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	13.38	14.57	13.33	14.52	14.90	16.10	16.48	17.67	18.87	19.25	20.44	20.82
2	14.19	15.38	14.14	15.33	15.71	16.91	17.29	18.48	19.68	20.06	21.25	21.64
3	15.00	16.20	14.95	16.15	16.53	17.72	18.10	19.30	20.49	20.87	22.07	22.45
4	15.81	17.01	15.76	16.96	17.34	18.53	18.92	20.11	21.30	21.69	22.88	23.26
5	16.63	17.82	16.58	17.77	18.15	19.35	19.73	20.92	22.12	22.50	23.69	0.07
6	17.44	18.63	17.39	18.58	18.97	20.16	20.54	21.74	22.93	23.31	0.51	0.89
7	18.25	19.45	18.20	19.40	19.78	20.97	21.35	22.55	23.74	0.12	1.32	1.70
8	19.06	20.26	19.02	20.21	20.59	21.78	22.17	23.36	0.55	0.94	2.13	2.51
9	19.88	21.07	19.83	21.02	21.40	22.60	22.98	0.17	1.37	1.75	2.94	3.32
10	20.69	21.88	20.64	21.83	22.22	23.41	23.79	0.99	2.18	2.56	3.76	4.14
11	21.50	22.70	21.45	22.65	23.03	0.22	0.60	1.80	2.99	3.37	4.57	4.95
12	22.32	23.51	22.27	23.46	23.84	1.04	1.42	2.61	3.81	4.19	5.38	5.76
13	23.13	0.32	23.08	0.27	0.65	1.85	2.23	3.42	4.62	5.00	6.19	6.58
14	23.94	1.14	23.89	1.09	1.47	2.66	3.04	4.24	5.43	5.81	7.01	7.39
15	0.75	1.95	0.70	1.90	2.28	3.47	3.86	5.05	6.24	6.63	7.82	8.20
16	1.57	2.76	1.52	2.71	3.09	4.29	4.67	5.86	7.06	7.44	8.63	9.01
17	2.38	3.57	2.33	3.52	3.91	5.10	5.48	6.68	7.87	8.25	9.45	9.83
18	3.19	4.39	3.14	4.34	4.72	5.91	6.29	7.49	8.68	9.06	10.26	10.64
19	4.00	5.20	3.95	5.15	5.53	6.72	7.11	8.30	9.49	9.88	11.07	11.45
20	4.82	6.01	4.77	5.96	6.34	7.54	7.92	9.11	10.31	10.69	11.88	12.26
21	5.63	6.82	5.58	6.77	7.16	8.35	8.73	9.93	11.12	11.50	12.70	13.08
22	6.44	7.64	6.39	7.59	7.97	9.16	9.54	10.74	11.93	12.31	13.51	13.89
23	7.26	8.45	7.21	8.40	8.78	9.98	10.36	11.55	12.75	13.13	14.32	14.70
24	8.07	9.26	8.02	9.21	9.59	10.79	11.17	12.36	13.56	13.94	15.13	15.52
25	8.88	10.08	8.83	10.03	10.41	11.60	11.98	13.18	14.37	14.75	15.95	16.33
26	9.69	10.89	9.64	10.84	11.22	12.41	12.80	13.99	15.18	15.57	16.76	17.14
27	10.51	11.70	10.46	11.65	12.03	13.23	13.61	14.80	16.00	16.38	17.57	17.95
28	11.32	12.51	11.27	12.46	12.85	14.04	14.42	15.62	16.81	17.19	18.38	18.77
29	12.13		12.08	13.28	13.66	14.85	15.23	16.43	17.62	18.00	19.20	19.58
30	12.94		12.89	14.09	14.47	15.66	16.05	17.24	18.43	18.82	20.01	20.39
31	13.76		13.71		15.28		16.86	18.05		19.63		21.20

TABLE 1 (CONTINUED) LUNAR PHASE MU

YEAR 1878

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	22.02	23.21	21.97	23.16	23.54	0.74	1.12	2.31	3.51	3.89	5.08	5.46
2	22.03	0.02	22.78	23.97	0.36	1.55	1.93	3.13	4.32	4.70	5.90	6.28
3	23.64	0.84	23.59	0.79	1.17	2.36	2.74	3.94	5.13	5.51	6.71	7.09
4	0.46	1.65	0.41	1.60	1.98	3.18	3.56	4.75	5.95	6.33	7.52	7.90
5	1.27	2.46	1.22	2.41	2.79	3.99	4.37	5.56	6.76	7.14	8.33	8.72
6	2.08	3.28	2.03	3.23	3.61	4.80	5.18	6.38	7.57	7.95	9.15	9.53
7	2.89	4.09	2.84	4.04	4.42	5.61	6.00	7.19	8.38	8.77	9.96	10.34
8	3.71	4.90	3.66	4.85	5.23	6.43	6.81	8.00	9.20	9.58	10.77	11.15
9	4.52	5.71	4.47	5.66	6.05	7.24	7.62	8.81	10.01	10.39	11.58	11.97
10	5.33	6.53	5.28	6.48	6.86	8.05	8.43	9.63	10.82	11.20	12.40	12.78
11	6.14	7.34	6.09	7.29	7.67	8.86	9.25	10.44	11.63	12.02	13.21	13.59
12	6.96	8.15	6.91	8.10	8.48	9.68	10.06	11.25	12.45	12.83	14.02	14.40
13	7.77	8.96	7.72	8.91	9.30	10.49	10.87	12.07	13.26	13.64	14.84	15.22
14	8.58	9.78	8.53	9.73	10.11	11.30	11.68	12.88	14.07	14.45	15.65	16.03
15	9.40	10.59	9.35	10.54	10.92	12.12	12.50	13.69	14.89	15.27	16.46	16.84
16	10.21	11.40	10.16	11.35	11.73	12.93	13.31	14.50	15.70	16.08	17.27	17.66
17	11.02	12.22	10.97	12.17	12.55	13.74	14.12	15.32	16.51	16.89	18.09	18.47
18	11.83	13.03	11.78	12.98	13.36	14.55	14.94	16.13	17.32	17.71	18.90	19.28
19	12.65	13.84	12.80	13.79	14.17	15.37	15.75	16.94	18.14	18.52	19.71	20.09
20	13.46	14.65	13.41	14.60	14.98	16.18	16.56	17.75	18.95	19.33	20.52	20.91
21	14.27	15.47	14.22	15.42	15.80	16.99	17.37	18.57	19.76	20.14	21.34	21.72
22	15.08	16.28	15.03	16.23	16.61	17.80	18.19	19.38	20.57	20.96	22.15	22.53
23	15.90	17.09	15.85	17.04	17.42	18.62	19.00	20.19	21.39	21.77	22.96	23.34
24	16.71	17.90	16.66	17.85	18.24	19.43	19.81	21.01	22.20	22.58	23.78	0.16
25	17.52	18.72	17.47	18.67	19.05	20.24	20.62	21.82	23.01	23.39	0.59	0.97
26	18.34	19.53	18.29	19.48	19.86	21.06	21.44	22.63	23.83	0.21	1.40	1.78
27	19.15	20.34	19.10	20.29	20.67	21.87	22.25	23.44	0.64	1.02	2.21	2.60
28	19.96	21.15	19.91	21.11	21.49	22.68	23.06	0.26	1.45	1.83	3.03	3.41
29	20.77	20.72	21.92	22.30	23.49	23.88	1.07	2.26	2.65	3.84	4.22	
30	21.59		21.54	22.73	23.11	0.31	0.69	1.88	3.08	3.46	4.65	5.03
31	22.40		22.35		23.92		1.90	2.69		4.27		5.85

TABLE 1 (CONTINUED) LUNAR PHASE MU

YEAR 1879

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	6.66	7.85	6.61	7.80	8.18	9.38	9.76	10.95	12.15	12.53	13.72	14.11
2	7.47	8.67	7.42	8.62	9.00	10.19	10.57	11.77	12.96	13.34	14.54	14.92
3	8.28	9.48	8.23	9.43	9.81	11.00	11.39	12.58	13.77	14.16	15.35	15.73
4	9.10	10.29	9.05	10.24	10.62	11.82	12.20	13.39	14.59	14.97	16.16	16.54
5	9.91	11.10	9.86	11.05	11.44	12.63	13.01	14.21	15.40	15.78	16.98	17.36
6	10.72	11.92	10.67	11.87	12.25	13.44	13.82	15.02	16.21	16.59	17.79	18.17
7	11.54	12.73	11.49	12.68	13.06	14.26	14.64	15.83	17.03	17.41	18.60	18.98
8	12.35	13.54	12.30	13.49	13.87	15.07	15.45	16.64	17.84	18.22	19.41	19.80
9	13.16	14.35	13.11	14.31	14.69	15.88	16.26	17.46	18.65	19.03	20.23	20.61
10	13.97	15.17	13.92	15.12	15.50	16.69	17.08	18.27	19.46	19.84	21.04	21.42
11	14.79	15.98	14.74	15.93	16.31	17.51	17.89	19.08	20.28	20.66	21.85	22.23
12	15.60	16.79	15.55	16.74	17.12	18.32	18.70	19.89	21.09	21.47	22.66	23.05
13	16.41	17.61	16.36	17.56	17.94	19.13	19.51	20.71	21.90	22.28	23.48	23.86
14	17.22	18.42	17.17	18.37	18.75	19.94	20.33	21.52	22.71	23.10	0.29	0.67
15	18.04	19.23	17.99	19.18	19.56	20.76	21.14	22.33	23.53	23.91	1.10	1.48
16	18.85	20.04	18.80	19.99	20.38	21.57	21.95	23.15	0.34	0.72	1.92	2.30
17	19.66	20.86	19.61	20.81	21.19	22.38	22.76	23.96	1.15	1.53	2.73	3.11
18	20.48	21.67	20.43	21.62	22.00	23.20	23.58	0.77	1.97	2.35	3.54	3.92
19	21.29	22.48	21.24	22.43	22.81	0.01	0.39	1.58	2.78	3.16	4.35	4.74
20	22.10	23.29	22.05	23.25	23.63	0.82	1.20	2.40	3.59	3.97	5.17	5.55
21	22.91	0.11	22.86	0.06	0.44	1.63	2.01	3.21	4.40	4.78	5.98	6.36
22	23.73	0.92	23.68	0.87	1.25	2.45	2.83	4.02	5.22	5.60	6.79	7.17
23	0.54	1.73	0.49	1.68	2.06	3.26	3.64	4.83	6.03	6.41	7.60	7.99
24	1.35	2.55	1.30	2.50	2.88	4.07	4.45	5.65	6.84	7.22	8.42	8.80
25	2.16	3.36	2.11	3.31	3.69	4.88	5.27	6.46	7.65	8.04	9.23	9.61
26	2.98	4.17	2.93	4.12	4.50	5.70	6.08	7.27	8.47	8.85	10.04	10.42
27	3.79	4.98	3.74	4.93	5.32	6.51	6.89	8.09	9.28	9.66	10.86	11.24
28	4.60	5.80	4.55	5.75	6.13	7.32	7.70	8.90	10.09	10.47	11.67	12.05
29	5.41		5.37	6.56	6.94	8.14	8.52	9.71	10.91	11.29	12.48	12.86
30	6.23		6.18	7.37	7.75	8.95	9.33	10.52	11.72	12.10	13.29	13.68
31	7.04		6.99		8.57		10.14	11.34		12.91		14.49

TABLE 1 (CONTINUED) LUNAR PHASE MU

YEAR 1880

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	15.30	16.49	16.06	17.26	17.64	18.83	19.21	20.41	21.60	21.98	23.18	23.56
2	16.11	17.31	16.88	18.07	18.45	19.65	20.03	21.22	22.42	22.80	23.99	0.37
3	16.93	18.12	17.69	18.88	19.26	20.46	20.84	22.03	23.23	23.61	0.80	1.19
4	17.74	18.93	18.50	19.70	20.08	21.27	21.65	22.85	0.04	0.42	1.62	2.00
5	18.55	19.75	19.31	20.51	20.89	22.08	22.47	23.66	0.85	1.24	2.43	2.81
6	19.36	20.56	20.13	21.32	21.70	22.90	23.28	0.47	1.67	2.05	3.24	3.62
7	20.18	21.37	20.94	22.13	22.52	23.71	0.09	1.29	2.48	2.86	4.06	4.44
8	20.99	22.18	21.75	22.95	23.33	0.52	0.90	2.10	3.29	3.67	4.87	5.25
9	21.80	23.00	22.57	23.76	0.14	1.34	1.72	2.91	4.11	4.49	5.68	6.06
10	22.61	23.81	23.38	0.57	0.95	2.15	2.53	3.72	4.92	5.30	6.49	6.87
11	23.43	0.62	0.19	1.38	1.77	2.96	3.34	4.54	5.73	6.11	7.31	7.69
12	0.24	1.43	1.00	2.20	2.58	3.77	4.15	5.35	6.54	6.92	8.12	8.50
13	1.05	2.25	1.82	3.01	3.39	4.59	4.97	6.16	7.36	7.74	8.93	9.31
14	1.87	3.06	2.63	3.82	4.20	5.40	5.78	6.97	8.17	8.55	9.74	10.13
15	2.68	3.87	3.44	4.64	5.02	6.21	6.59	7.79	8.98	9.36	10.56	10.94
16	3.49	4.69	4.25	5.45	5.83	7.02	7.41	8.60	9.79	10.18	11.37	11.75
17	4.30	5.50	5.07	6.26	6.64	7.84	8.22	9.41	10.61	10.99	12.18	12.56
18	5.12	6.31	5.88	7.07	7.46	8.65	9.03	10.23	11.42	11.80	13.00	13.38
19	5.93	7.12	6.69	7.89	8.27	9.46	9.84	11.04	12.23	12.61	13.81	14.19
20	6.74	7.94	7.51	8.70	9.08	10.27	10.66	11.85	13.04	13.43	14.62	15.00
21	7.55	8.75	8.32	9.51	9.89	11.09	11.47	12.66	13.86	14.24	15.43	15.81
22	8.37	9.56	9.13	10.32	10.71	11.90	12.28	13.48	14.67	15.05	16.25	16.63
23	9.18	10.37	9.94	11.14	11.52	12.71	13.09	14.29	15.48	15.86	17.06	17.44
24	9.99	11.19	10.76	11.95	12.33	13.53	13.91	15.10	16.30	16.68	17.87	18.25
25	10.81	12.00	11.57	12.76	13.14	14.34	14.72	15.91	17.11	17.49	18.68	19.07
26	11.62	12.81	12.38	13.58	13.96	15.15	15.53	16.73	17.92	18.30	19.50	19.88
27	12.43	13.63	13.19	14.39	14.77	15.96	16.35	17.54	18.73	19.12	20.31	20.69
28	13.24	14.44	14.01	15.20	15.58	16.78	17.16	18.35	19.55	19.93	21.12	21.50
29	14.06	15.25	14.82	16.01	16.40	17.59	17.97	19.17	20.36	20.74	21.94	22.32
30	14.87		15.63	16.83	17.21	18.40	18.78	19.98	21.17	21.55	22.75	23.13
31	15.68		16.44		18.02		19.60	20.79		22.37		23.94

TABLE 1 (CONTINUED) LUNAR PHASE MU

YEAR 1881

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	0.75	1.95	0.71	1.90	2.28	3.47	3.86	5.05	6.24	6.63	7.82	8.20
2	1.57	2.76	1.52	2.71	3.09	4.29	4.67	5.86	7.06	7.44	8.63	9.01
3	2.38	3.57	2.33	3.52	3.91	5.10	5.48	6.68	7.87	8.25	9.45	9.83
4	3.19	4.39	3.14	4.34	4.72	5.91	6.29	7.49	8.68	9.06	10.26	10.64
5	4.01	5.20	3.96	5.15	5.53	6.73	7.11	8.30	9.50	9.88	11.07	11.45
6	4.82	6.01	4.77	5.96	6.34	7.54	7.92	9.11	10.31	10.69	11.88	12.27
7	5.63	6.83	5.58	6.78	7.16	8.35	8.73	9.93	11.12	11.50	12.70	13.08
8	6.44	7.64	6.39	7.59	7.97	9.16	9.55	10.74	11.93	12.32	13.51	13.89
9	7.26	8.45	7.21	8.40	8.78	9.98	10.36	11.55	12.75	13.13	14.32	14.70
10	8.07	9.26	8.02	9.21	9.60	10.79	11.17	12.37	13.56	13.94	15.14	15.52
11	8.88	10.08	8.83	10.03	10.41	11.60	11.98	13.18	14.37	14.75	15.95	16.33
12	9.69	10.89	9.64	10.84	11.22	12.41	12.80	13.99	15.18	15.57	16.76	17.14
13	10.51	11.70	10.46	11.65	12.03	13.23	13.61	14.80	16.00	16.38	17.57	17.95
14	11.32	12.51	11.27	12.46	12.85	14.04	14.42	15.62	16.81	17.19	18.39	18.77
15	12.13	13.33	12.08	13.28	13.66	14.85	15.23	16.43	17.62	18.00	19.20	19.58
16	12.95	14.14	12.90	14.09	14.47	15.67	16.05	17.24	18.44	18.82	20.01	20.39
17	13.76	14.95	13.71	14.90	15.28	16.48	16.86	18.05	19.25	19.63	20.82	21.21
18	14.57	15.77	14.52	15.72	16.10	17.29	17.67	18.87	20.06	20.44	21.64	22.02
19	15.38	16.58	15.33	16.53	16.91	18.10	18.49	19.68	20.87	21.26	22.45	22.83
20	16.20	17.39	16.15	17.34	17.72	18.92	19.30	20.49	21.69	22.07	23.26	23.64
21	17.01	18.20	16.96	18.15	18.54	19.73	20.11	21.30	22.50	22.88	0.07	0.46
22	17.82	19.02	17.77	18.97	19.35	20.54	20.92	22.12	23.31	23.69	0.89	1.27
23	18.63	19.83	18.58	19.78	20.16	21.35	21.74	22.93	0.12	0.51	1.70	2.08
24	19.45	20.64	19.40	20.59	20.97	22.17	22.55	23.74	0.94	1.32	2.51	2.89
25	20.26	21.45	20.21	21.40	21.79	22.98	23.36	0.56	1.75	2.13	3.33	3.71
26	21.07	22.27	21.02	22.22	22.60	23.79	0.17	1.37	2.56	2.94	4.14	4.52
27	21.89	23.08	21.84	23.03	23.41	0.61	0.99	2.18	3.38	3.76	4.95	5.33
28	22.70	23.89	22.65	23.84	0.22	1.42	1.80	2.99	4.19	4.57	5.76	6.15
29	23.51		23.46	0.66	1.04	2.23	2.61	3.81	5.00	5.38	6.58	6.96
30	0.32		0.27	1.47	1.85	3.04	3.43	4.62	5.81	6.20	7.39	7.77
31	1.14		1.09		2.66		4.24	5.43		7.01		8.58

TABLE 1 (CONTINUED) LUNAR PHASE MU

YEAR 1882

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	9.40	10.59	9.35	10.54	10.92	12.12	12.50	13.69	14.89	15.27	16.46	16.84
2	10.21	11.40	10.16	11.35	11.74	12.93	13.31	14.50	15.70	16.08	17.27	17.66
3	11.02	12.22	10.97	12.17	12.55	13.74	14.12	15.32	16.51	16.89	18.09	18.47
4	11.83	13.03	11.78	12.98	13.36	14.55	14.94	16.13	17.32	17.71	18.90	19.28
5	12.65	13.84	12.60	13.79	14.17	15.37	15.75	16.94	18.14	18.52	19.71	20.09
6	13.46	14.65	13.41	14.60	14.99	16.18	16.56	17.76	18.95	19.33	20.53	20.91
7	14.27	15.47	14.22	15.42	15.80	16.99	17.37	18.57	19.76	20.14	21.34	21.72
8	15.09	16.28	15.04	16.23	16.61	17.81	18.19	19.38	20.58	20.96	22.15	22.53
9	15.90	17.09	15.85	17.04	17.42	18.62	19.00	20.19	21.39	21.77	22.96	23.35
10	16.71	17.90	16.66	17.86	18.24	19.43	19.81	21.01	22.20	22.58	23.78	0.16
11	17.52	18.72	17.47	18.67	19.05	20.24	20.63	21.82	23.01	23.40	0.59	0.97
12	18.34	19.53	18.29	19.48	19.86	21.06	21.44	22.63	23.83	0.21	1.40	1.78
13	19.15	20.34	19.10	20.29	20.67	21.87	22.25	23.44	0.64	1.02	2.21	2.60
14	19.96	21.16	19.91	21.11	21.49	22.68	23.06	0.26	1.45	1.83	3.03	3.41
15	20.77	21.97	20.72	21.92	22.30	23.49	23.88	1.07	2.26	2.65	3.84	4.22
16	21.59	22.78	21.54	22.73	23.11	0.31	0.69	1.88	3.08	3.46	4.65	5.03
17	22.40	23.59	22.35	23.54	23.93	1.12	1.50	2.70	3.89	4.27	5.47	5.85
18	23.21	0.41	23.16	0.36	0.74	1.93	2.31	3.51	4.70	5.08	6.28	6.66
19	0.03	1.22	23.98	1.17	1.55	2.75	3.13	4.32	5.52	5.90	7.09	7.47
20	0.84	2.03	0.79	1.98	2.36	3.56	3.94	5.13	6.33	6.71	7.90	8.29
21	1.65	2.84	1.60	2.80	3.18	4.37	4.75	5.95	7.14	7.52	8.72	9.10
22	2.46	3.66	2.41	3.61	3.99	5.18	5.57	6.76	7.95	8.33	9.53	9.91
23	3.28	4.47	3.23	4.42	4.80	6.00	6.38	7.57	8.77	9.15	10.34	10.72
24	4.09	5.28	4.04	5.23	5.61	6.81	7.19	8.38	9.58	9.96	11.15	11.54
25	4.90	6.10	4.85	6.05	6.43	7.62	8.00	9.20	10.39	10.77	11.97	12.35
26	5.71	6.91	5.66	6.86	7.24	8.43	8.82	10.01	11.20	11.59	12.78	13.16
27	6.53	7.72	6.48	7.67	8.05	9.25	9.63	10.82	12.02	12.40	13.59	13.97
28	7.34	8.53	7.29	8.48	8.87	10.06	10.44	11.64	12.83	13.21	14.41	14.79
29	8.15		8.10	9.30	9.68	10.87	11.25	12.45	13.64	14.02	15.22	15.60
30	8.97		8.92	10.11	10.49	11.69	12.07	13.26	14.46	14.84	16.03	16.41
31	9.78		9.73		11.30		12.88	14.07		15.65		17.23

TABLE 1 (CONTINUED) LUNAR PHASE MU

YEAR 1883

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	18.04	19.23	17.99	19.18	19.56	20.76	21.14	22.33	23.53	23.91	1.10	1.49
2	18.85	20.04	18.80	20.00	20.38	21.57	21.95	23.15	0.34	0.72	1.92	2.30
3	19.66	20.86	19.61	20.81	21.19	22.38	22.76	23.96	1.15	1.53	2.73	3.11
4	20.48	21.67	20.43	21.62	22.00	23.20	23.58	0.77	1.97	2.35	3.54	3.92
5	21.29	22.48	21.24	22.43	22.81	0.01	0.39	1.58	2.78	3.16	4.35	4.74
6	22.10	23.30	22.05	23.25	23.63	0.82	1.20	2.40	3.59	3.97	5.17	5.55
7	22.91	0.11	22.86	0.06	0.44	1.63	2.02	3.21	4.40	4.79	5.98	6.36
8	23.73	0.92	23.68	0.87	1.25	2.45	2.83	4.02	5.22	5.60	6.79	7.17
9	0.54	1.73	0.49	1.68	2.07	3.26	3.64	4.84	6.03	6.41	7.61	7.99
10	1.35	2.55	1.30	2.50	2.88	4.07	4.45	5.65	6.84	7.22	8.42	8.80
11	2.17	3.36	2.12	3.31	3.69	4.89	5.27	6.46	7.66	8.04	9.23	9.61
12	2.98	4.17	2.93	4.12	4.50	5.70	6.08	7.27	8.47	8.85	10.04	10.43
13	3.79	4.98	3.74	4.93	5.32	6.51	6.89	8.09	9.28	9.66	10.86	11.24
14	4.60	5.80	4.55	5.75	6.13	7.32	7.70	8.90	10.09	10.47	11.67	12.05
15	5.42	6.61	5.37	6.56	6.94	8.14	8.52	9.71	10.91	11.29	12.48	12.86
16	6.23	7.42	6.18	7.37	7.75	8.95	9.33	10.52	11.72	12.10	13.29	13.68
17	7.04	8.24	6.99	8.19	8.57	9.76	10.14	11.34	12.53	12.91	14.11	14.49
18	7.85	9.05	7.80	9.00	9.38	10.57	10.96	12.15	13.34	13.73	14.92	15.30
19	8.67	9.86	8.62	9.81	10.19	11.39	11.77	12.96	14.16	14.54	15.73	16.11
20	9.48	10.67	9.43	10.62	11.01	12.20	12.58	13.78	14.97	15.35	16.55	16.93
21	10.29	11.49	10.24	11.44	11.82	13.01	13.39	14.59	15.78	16.16	17.36	17.74
22	11.10	12.30	11.06	12.25	12.63	13.83	14.21	15.40	16.60	16.98	18.17	18.55
23	11.92	13.11	11.87	13.06	13.44	14.64	15.02	16.21	17.41	17.79	18.98	19.36
24	12.73	13.92	12.68	13.87	14.26	15.45	15.83	17.03	18.22	18.60	19.80	20.18
25	13.54	14.74	13.49	14.69	15.07	16.26	16.64	17.84	19.03	19.41	20.61	20.99
26	14.36	15.55	14.31	15.50	15.88	17.08	17.46	18.65	19.85	20.23	21.42	21.80
27	15.17	16.36	15.12	16.31	16.69	17.89	18.27	19.46	20.66	21.04	22.23	22.62
28	15.98	17.18	15.93	17.13	17.51	18.70	19.08	20.28	21.47	21.85	23.05	23.43
29	16.79		16.74	17.94	18.32	19.51	19.90	21.09	22.28	22.67	23.86	0.24
30	17.61		17.56	18.75	19.13	20.33	20.71	21.90	23.10	23.48	0.67	1.05
31	18.42		18.37		19.35		21.52	22.72		0.29		1.67

TABLE 1 (CONTINUED) LUNAR PHASE NU

YEAR 1884

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	2.68	3.87	3.44	4.64	5.02	6.21	6.59	7.79	8.98	9.36	10.56	10.94
2	3.49	4.69	4.26	5.45	5.83	7.03	7.41	8.60	9.79	10.18	11.37	11.75
3	4.30	5.50	5.07	6.26	6.64	7.84	8.22	9.41	10.61	10.99	12.18	12.56
4	5.12	6.31	5.88	7.07	7.46	8.65	9.03	10.23	11.42	11.80	13.00	13.38
5	5.93	7.12	6.69	7.89	8.27	9.46	9.84	11.04	12.23	12.61	13.81	14.19
6	6.74	7.94	7.51	8.70	9.08	10.28	10.66	11.85	13.05	13.43	14.62	15.00
7	7.56	8.75	8.32	9.51	9.89	11.09	11.47	12.66	13.86	14.24	15.43	15.82
8	8.37	9.56	9.13	10.33	10.71	11.90	12.28	13.48	14.67	15.05	16.25	16.63
9	9.18	10.38	9.94	11.14	11.52	12.71	13.10	14.29	15.48	15.87	17.06	17.44
10	9.99	11.19	10.76	11.95	12.33	13.53	13.91	15.10	16.30	16.68	17.87	18.25
11	10.81	12.00	11.57	12.76	13.15	14.34	14.72	15.92	17.11	17.49	18.69	19.07
12	11.62	12.81	12.38	13.58	13.96	15.15	15.53	16.73	17.92	18.30	19.50	19.88
13	12.43	13.63	13.20	14.39	14.77	15.96	16.35	17.54	18.73	19.12	20.31	20.69
14	13.24	14.44	14.01	15.20	15.58	16.78	17.16	18.35	19.55	19.93	21.12	21.50
15	14.06	15.25	14.82	16.01	16.40	17.59	17.97	19.17	20.36	20.74	21.94	22.32
16	14.87	16.06	15.63	16.83	17.21	18.40	18.78	19.98	21.17	21.55	22.75	23.13
17	15.68	16.88	16.45	17.64	18.02	19.22	19.60	20.79	21.99	22.37	23.56	23.94
18	16.50	17.69	17.26	18.45	18.83	20.03	20.41	21.60	22.80	23.18	0.37	0.76
19	17.31	18.50	18.07	19.27	19.65	20.84	21.22	22.42	23.61	23.99	1.19	1.57
20	18.12	19.32	18.88	20.08	20.46	21.65	22.04	23.23	0.42	0.81	2.00	2.38
21	18.93	20.13	19.70	20.89	21.27	22.47	22.85	0.04	1.24	1.62	2.81	3.19
22	19.75	20.94	20.51	21.70	22.09	23.28	23.66	0.86	2.05	2.43	3.63	4.01
23	20.56	21.75	21.32	22.52	22.90	0.09	0.47	1.67	2.86	3.24	4.44	4.82
24	21.37	22.57	22.13	23.33	23.71	0.90	1.29	2.48	3.67	4.06	5.25	5.63
25	22.18	23.38	22.95	0.14	0.52	1.72	2.10	3.29	4.49	4.87	6.06	6.44
26	23.00	0.19	23.76	0.95	1.34	2.53	2.91	4.11	5.30	5.68	6.88	7.26
27	23.81	1.00	0.57	1.77	2.15	3.34	3.72	4.92	6.11	6.49	7.69	8.07
28	0.62	1.82	1.39	2.58	2.96	4.16	4.54	5.73	6.93	7.31	8.50	8.88
29	1.44	2.63	2.20	3.39	3.77	4.97	5.35	6.54	7.74	8.12	9.31	9.70
30	2.25		3.01	4.21	4.59	5.78	6.16	7.36	8.55	8.93	10.13	10.51
31	3.06		3.82		5.40		6.98	8.17		9.75		11.32

TABLE 1 (CONTINUED) LUNAR PHASE NU

YEAR 1885

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	12.13	13.33	12.08	13.28	13.66	14.85	15.24	16.43	17.62	18.01	19.20	19.58
2	12.95	14.14	12.90	14.09	14.47	15.67	16.05	17.24	18.44	18.82	20.01	20.39
3	13.76	14.95	13.71	14.90	15.29	16.48	16.86	18.06	19.25	19.63	20.83	21.21
4	14.57	15.77	14.52	15.72	16.10	17.29	17.67	18.87	20.06	20.44	21.64	22.02
5	15.38	16.58	15.33	16.53	16.91	18.10	18.49	19.68	20.87	21.26	22.45	22.83
6	16.20	17.39	16.15	17.34	17.72	18.92	19.30	20.49	21.69	22.07	23.26	23.64
7	17.01	18.20	16.96	18.15	18.54	19.73	20.11	21.31	22.50	22.88	0.08	0.46
8	17.82	19.02	17.77	18.97	19.35	20.54	20.92	22.12	23.31	23.69	0.89	1.27
9	18.64	19.83	18.59	19.78	20.16	21.36	21.74	22.93	0.13	0.51	1.70	2.08
10	19.45	20.64	19.40	20.59	20.97	22.17	22.55	23.74	0.94	1.32	2.51	2.90
11	20.26	21.46	20.21	21.41	21.79	22.98	23.36	0.56	1.75	2.13	3.33	3.71
12	21.07	22.27	21.02	22.22	22.60	23.79	0.18	1.37	2.56	2.95	4.14	4.52
13	21.89	23.08	21.84	23.03	23.41	0.61	0.99	2.18	3.38	3.76	4.95	5.33
14	22.70	23.89	22.65	23.84	0.23	1.42	1.80	3.00	4.19	4.57	5.76	6.15
15	23.51	0.71	23.46	0.66	1.04	2.23	2.61	3.81	5.00	5.38	6.58	6.96
16	0.32	1.52	0.27	1.47	1.85	3.04	3.43	4.62	5.81	6.20	7.39	7.77
17	1.14	2.33	1.09	2.28	2.66	3.86	4.24	5.43	6.63	7.01	8.20	8.58
18	1.95	3.14	1.90	3.09	3.48	4.67	5.05	6.25	7.44	7.82	9.02	9.40
19	2.76	3.96	2.71	3.91	4.29	5.48	5.86	7.06	8.25	8.63	9.83	10.21
20	3.58	4.77	3.53	4.72	5.10	6.30	6.68	7.87	9.07	9.45	10.64	11.02
21	4.39	5.58	4.34	5.53	5.91	7.11	7.49	8.68	9.88	10.26	11.45	11.84
22	5.20	6.39	5.15	6.35	6.73	7.92	8.30	9.50	10.69	11.07	12.27	12.65
23	6.01	7.21	5.96	7.16	7.54	8.73	9.12	10.31	11.50	11.89	13.08	13.46
24	6.83	8.02	6.78	7.97	8.35	9.55	9.93	11.12	12.32	12.70	13.89	14.27
25	7.64	8.83	7.59	8.78	9.16	10.36	10.74	11.93	13.13	13.51	14.70	15.09
26	8.45	9.65	8.40	9.60	9.98	11.17	11.55	12.75	13.94	14.32	15.52	15.90
27	9.26	10.46	9.21	10.41	10.79	11.98	12.37	13.56	14.75	15.14	16.33	16.71
28	10.08	11.27	10.03	11.22	11.60	12.80	13.18	14.37	15.57	15.95	17.14	17.52
29	10.89		10.84	12.03	12.42	13.61	13.99	15.19	16.38	16.76	17.96	18.34
30	11.70		11.65	12.85	13.23	14.42	14.80	16.00	17.19	17.57	18.77	19.15
31	12.52		12.47		14.04		15.62	16.81		18.39		19.96

TABLE 1 (CONTINUED) LUNAR PHASE MU

YEAR 1886

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	20.78	21.97	20.73	21.92	22.30	23.50	23.88	1.07	2.27	2.65	3.84	4.22
2	21.59	22.78	21.54	22.73	23.11	0.31	0.69	1.88	3.08	3.46	4.65	5.04
3	22.40	23.59	22.35	23.55	23.93	1.12	1.50	2.70	3.89	4.27	5.47	5.85
4	23.21	0.41	23.16	0.36	0.74	1.93	2.32	3.51	4.70	5.09	6.28	6.66
5	0.03	1.22	23.98	1.17	1.55	2.75	3.13	4.32	5.52	5.90	7.09	7.47
6	0.84	2.03	0.79	1.98	2.36	3.56	3.94	5.13	6.33	6.71	7.90	8.29
7	1.65	2.85	1.60	2.80	3.18	4.37	4.75	5.95	7.14	7.52	8.72	9.10
8	2.46	3.66	2.41	3.61	3.99	5.18	5.57	6.76	7.95	8.34	9.53	9.91
9	3.28	4.47	3.23	4.42	4.80	6.00	6.38	7.57	8.77	9.15	10.34	10.72
10	4.09	5.28	4.04	5.23	5.62	6.81	7.19	8.39	9.58	9.96	11.16	11.54
11	4.90	6.10	4.85	6.05	6.43	7.62	8.00	9.20	10.39	10.77	11.97	12.35
12	5.72	6.91	5.67	6.86	7.24	8.44	8.82	10.01	11.21	11.59	12.78	13.16
13	6.53	7.72	6.48	7.67	8.05	9.25	9.63	10.82	12.02	12.40	13.59	13.98
14	7.34	8.53	7.29	8.49	8.87	10.06	10.44	11.64	12.83	13.21	14.41	14.79
15	8.15	9.35	8.10	9.30	9.68	10.87	11.26	12.45	13.64	14.02	15.22	15.60
16	8.97	10.16	8.92	10.11	10.49	11.69	12.07	13.26	14.46	14.84	16.03	16.41
17	9.78	10.97	9.73	10.92	11.30	12.50	12.88	14.07	15.27	15.65	16.84	17.23
18	10.59	11.79	10.54	11.74	12.12	13.31	13.69	14.89	16.08	16.46	17.66	18.04
19	11.40	12.60	11.35	12.55	12.93	14.12	14.51	15.70	16.89	17.28	18.47	18.85
20	12.22	13.41	12.17	13.36	13.74	14.94	15.32	16.51	17.71	18.09	19.28	19.66
21	13.03	14.22	12.98	14.17	14.56	15.75	16.13	17.33	18.52	18.90	20.10	20.48
22	13.84	15.04	13.79	14.99	15.37	16.56	16.94	18.14	19.33	19.71	20.91	21.29
23	14.66	15.85	14.61	15.80	16.18	17.38	17.76	18.95	20.15	20.53	21.72	22.10
24	15.47	16.66	15.42	16.61	16.99	18.19	18.57	19.76	20.96	21.34	22.53	22.92
25	16.28	17.47	16.23	17.42	17.81	19.00	19.38	20.58	21.77	22.15	23.35	23.73
26	17.09	18.29	17.04	18.24	18.62	19.81	20.19	21.39	22.58	22.96	0.16	0.54
27	17.91	19.10	17.86	19.05	19.43	20.63	21.01	22.20	23.40	23.78	0.97	1.35
28	18.72	19.91	18.67	19.86	20.24	21.44	21.82	23.01	0.21	0.59	1.78	2.17
29	19.53		19.48	20.68	21.06	22.25	22.63	23.83	1.02	1.40	2.60	2.98
30	20.34		20.29	21.49	21.87	23.06	23.45	0.64	1.83	2.22	3.41	3.79
31	21.16		21.11		22.68		0.26	1.45		3.03		4.60

TABLE 1 (CONTINUED) LUNAR PHASE MU

YEAR 1887

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	5.42	6.61	5.37	6.56	6.94	8.14	8.52	9.71	10.91	11.29	12.48	12.86
2	6.23	7.42	6.18	7.37	7.76	8.95	9.33	10.53	11.72	12.10	13.30	13.68
3	7.04	8.24	6.99	8.19	8.57	9.76	10.14	11.34	12.53	12.91	14.11	14.49
4	7.86	9.05	7.81	9.00	9.38	10.58	10.96	12.15	13.35	13.73	14.92	15.30
5	8.67	9.86	8.62	9.81	10.19	11.39	11.77	12.96	14.16	14.54	15.73	16.12
6	9.48	10.67	9.43	10.62	11.01	12.20	12.58	13.78	14.97	15.35	16.55	16.93
7	10.29	11.49	10.24	11.44	11.82	13.01	13.39	14.59	15.78	16.16	17.36	17.74
8	11.11	12.30	11.06	12.25	12.63	13.83	14.21	15.40	16.60	16.98	18.17	18.55
9	11.92	13.11	11.87	13.06	13.44	14.64	15.02	16.21	17.41	17.79	18.98	19.37
10	12.73	13.93	12.68	13.88	14.26	15.45	15.83	17.03	18.22	18.60	19.80	20.18
11	13.54	14.74	13.49	14.69	15.07	16.26	16.65	17.84	19.03	19.42	20.61	20.99
12	14.36	15.55	14.31	15.50	15.88	17.08	17.46	18.65	19.85	20.23	21.42	21.80
13	15.17	16.36	15.12	16.31	16.70	17.89	18.27	19.47	20.66	21.04	22.24	22.62
14	15.98	17.18	15.93	17.13	17.51	18.70	19.08	20.28	21.47	21.85	23.05	23.43
15	16.79	17.99	16.75	17.94	18.32	19.52	19.90	21.09	22.29	22.67	23.86	0.24
16	17.61	18.80	17.56	18.75	19.13	20.33	20.71	21.90	23.10	23.48	0.67	1.05
17	18.42	19.61	18.37	19.56	19.95	21.14	21.52	22.72	23.91	0.29	1.49	1.87
18	19.23	20.43	19.18	20.38	20.76	21.95	22.33	23.53	0.72	1.10	2.30	2.68
19	20.05	21.24	20.00	21.19	21.57	22.77	23.15	0.34	1.54	1.92	3.11	3.49
20	20.86	22.05	20.81	22.00	22.38	23.58	23.96	1.15	2.35	2.73	3.92	4.31
21	21.67	22.87	21.62	22.82	23.20	0.39	0.77	1.97	3.16	3.54	4.74	5.12
22	22.48	23.68	22.43	23.63	0.01	1.20	1.59	2.78	3.97	4.36	5.55	5.93
23	23.30	0.49	23.25	0.44	0.82	2.02	2.40	3.59	4.79	5.17	6.36	6.74
24	0.11	1.30	0.06	1.25	1.64	2.83	3.21	4.41	5.60	5.98	7.18	7.56
25	0.92	2.12	0.87	2.07	2.45	3.64	4.02	5.22	6.41	6.79	7.99	8.37
26	1.73	2.93	1.69	2.88	3.26	4.45	4.84	6.03	7.22	7.61	8.80	9.18
27	2.55	3.74	2.50	3.69	4.07	5.27	5.65	6.84	8.04	8.42	9.61	9.99
28	3.36	4.55	3.31	4.50	4.89	6.08	6.46	7.66	8.85	9.23	10.43	10.81
29	4.17		4.12	5.32	5.70	6.89	7.27	8.47	9.66	10.04	11.24	11.62
30	4.99		4.94	6.13	6.51	7.71	8.09	9.28	10.48	10.86	12.05	12.43
31	5.80		5.75		7.32		8.90	10.09		11.67		13.25

TABLE 1 (CONTINUED) LUNAR PHASE MU

YEAR 1888

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	14.06	15.25	14.82	16.02	16.40	17.59	17.97	19.17	20.36	20.74	21.94	22.32
2	14.87	16.07	15.63	16.83	17.21	18.40	18.79	19.98	21.17	21.56	22.75	23.13
3	15.68	16.88	16.45	17.64	18.02	19.22	19.60	20.79	21.99	22.37	23.56	23.94
4	16.50	17.69	17.26	18.45	18.84	20.03	20.41	21.61	22.80	23.18	0.38	0.76
5	17.31	18.50	18.07	19.27	19.65	20.84	21.22	22.4	23.61	23.99	1.19	1.57
6	18.12	19.32	18.88	20.08	20.46	21.65	22.04	23.23	0.42	0.81	2.00	2.38
7	18.93	20.13	19.70	20.89	21.27	22.47	22.85	0.04	1.24	1.62	2.81	3.19
8	19.75	20.94	20.51	21.70	22.09	23.28	23.66	0.86	2.05	2.43	3.63	4.01
9	20.56	21.75	21.32	22.52	22.90	0.09	0.47	1.67	2.86	3.24	4.44	4.82
10	21.37	22.57	22.14	23.33	23.71	0.91	1.29	2.48	3.68	4.06	5.25	5.63
11	22.19	23.38	22.95	0.14	0.52	1.72	2.10	3.29	4.49	4.87	6.06	6.45
12	23.00	0.19	23.76	0.96	1.34	2.53	2.91	4.11	5.30	5.68	6.88	7.26
13	23.81	1.01	0.57	1.77	2.15	3.34	3.73	4.92	6.11	6.50	7.69	8.07
14	0.62	1.02	1.39	2.58	2.96	4.16	4.54	5.73	6.93	7.31	8.50	8.88
15	1.44	2.63	2.20	3.39	3.78	4.97	5.35	6.55	7.74	8.12	9.32	9.70
16	2.25	3.44	3.01	4.21	4.59	5.78	6.16	7.36	8.55	8.93	10.13	10.51
17	3.06	4.26	3.82	5.02	5.40	6.59	6.98	8.17	9.36	9.75	10.94	11.32
18	3.87	5.07	4.64	5.83	6.21	7.41	7.79	8.98	10.18	10.56	11.75	12.13
19	4.69	5.88	5.45	6.64	7.03	8.22	8.60	9.80	10.99	11.37	12.57	12.95
20	5.50	6.69	6.26	7.46	7.84	9.03	9.41	10.61	11.80	12.18	13.38	13.76
21	6.31	7.51	7.08	8.27	8.65	9.85	10.23	11.42	12.62	13.00	14.19	14.57
22	7.13	8.32	7.89	9.08	9.46	10.66	11.04	12.23	13.43	13.81	15.00	15.39
23	7.94	9.13	8.70	9.90	10.28	11.47	11.85	13.05	14.24	14.62	15.82	16.20
24	8.75	9.95	9.51	10.71	11.09	12.28	12.67	13.86	15.05	15.44	16.63	17.01
25	9.56	10.76	10.33	11.52	11.90	13.10	13.48	14.67	15.87	16.25	17.44	17.82
26	10.38	11.57	11.14	12.33	12.72	13.91	14.29	15.48	16.68	17.06	18.25	18.64
27	11.19	12.38	11.95	13.15	13.53	14.72	15.10	16.30	17.49	17.87	19.07	19.45
28	12.00	13.20	12.76	13.96	14.34	15.53	15.92	17.11	18.30	18.69	19.88	20.26
29	12.81	14.01	13.58	14.77	15.15	16.35	16.73	17.92	19.12	19.50	20.69	21.07
30	13.63		14.39	15.58	15.97	17.16	17.54	18.74	19.93	20.31	21.51	21.89
31	14.44		15.20		16.78		18.35	19.55		21.12		22.70

TABLE 1 (CONTINUED) LUNAR PHASE MU

YEAR 1889

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	23.51	0.71	23.46	0.66	1.04	2.23	2.61	3.81	5.00	5.38	6.58	6.96
2	0.33	1.52	0.28	1.47	1.85	3.05	3.43	4.62	5.82	6.20	7.39	7.77
3	1.14	2.33	1.09	2.28	2.66	3.86	4.24	5.43	6.63	7.01	8.20	8.59
4	1.95	3.15	1.90	3.10	3.48	4.67	5.05	6.25	7.44	7.82	9.02	9.40
5	2.76	3.96	2.71	3.91	4.29	5.48	5.87	7.06	8.25	8.64	9.83	10.21
6	3.58	4.77	3.53	4.72	5.10	6.30	6.68	7.87	9.07	9.45	10.64	11.02
7	4.39	5.58	4.34	5.53	5.91	7.11	7.49	8.68	9.88	10.26	11.45	11.84
8	5.20	6.40	5.15	6.35	6.73	7.92	8.30	9.50	10.69	11.07	12.27	12.65
9	6.01	7.21	5.96	7.16	7.54	8.73	9.12	10.31	11.50	11.89	13.08	13.46
10	6.83	8.02	6.78	7.97	8.35	9.55	9.93	11.12	12.32	12.70	13.89	14.27
11	7.64	8.83	7.59	8.78	9.17	10.36	10.74	11.94	13.13	13.51	14.71	15.09
12	8.45	9.65	8.40	9.60	9.98	11.17	11.55	12.75	13.94	14.32	15.52	15.90
13	9.27	10.46	9.22	10.41	10.79	11.99	12.37	13.56	14.76	15.14	16.33	16.71
14	10.08	11.27	10.03	11.22	11.60	12.80	13.18	14.37	15.57	15.95	17.14	17.53
15	10.89	12.08	10.84	12.04	12.42	13.61	13.99	15.19	16.38	16.76	17.96	18.34
16	11.70	12.90	11.65	12.85	13.23	14.42	14.81	16.00	17.19	17.58	18.77	19.15
17	12.52	13.71	12.47	13.66	14.04	15.24	15.62	16.81	18.01	18.39	19.58	19.96
18	13.33	14.52	13.28	14.47	14.85	16.05	16.43	17.62	18.82	19.20	20.39	20.78
19	14.14	15.34	14.09	15.29	15.67	16.86	17.24	18.44	19.63	20.01	21.21	21.59
20	14.95	16.15	14.90	16.10	16.48	17.67	18.06	19.25	20.44	20.83	22.02	22.40
21	15.77	16.96	15.72	16.91	17.29	18.49	18.87	20.06	21.26	21.64	22.83	23.21
22	16.58	17.77	16.53	17.72	18.11	19.30	19.68	20.88	22.07	22.45	23.65	0.03
23	17.39	18.59	17.34	18.54	18.92	20.11	20.49	21.69	22.88	23.26	0.46	0.84
24	18.21	19.40	18.16	19.35	19.73	20.93	21.31	22.50	23.70	0.08	1.27	1.65
25	19.02	20.21	18.97	20.16	20.54	21.74	22.12	23.31	0.51	0.89	2.08	2.47
26	19.83	21.02	19.78	20.98	21.36	22.55	22.93	0.13	1.32	1.70	2.90	3.28
27	20.64	21.84	20.59	21.79	22.17	23.36	23.75	0.94	2.13	2.51	3.71	4.09
28	21.46	22.65	21.41	22.60	22.98	0.18	0.56	1.75	2.95	3.33	4.52	4.90
29	22.27		22.22	23.41	23.79	0.99	1.37	2.56	3.76	4.14	5.33	5.72
30	23.08		23.03	0.23	0.61	1.80	2.18	3.38	4.57	4.95	6.15	6.53
31	23.89		23.84		1.42		3.00	4.19		5.77		7.34

TABLE 1 (CONTINUED) LUNAR PHASE MU

YEAR 1890

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	8.15	9.35	8.10	9.30	9.68	10.87	11.26	12.45	13.64	14.03	15.22	15.60
2	8.97	10.16	8.92	10.11	10.49	11.69	12.07	13.26	14.46	14.84	16.03	16.41
3	9.78	10.97	9.73	10.92	11.31	12.50	12.88	14.08	15.27	15.65	16.85	17.23
4	10.59	11.79	10.54	11.74	12.12	13.31	13.69	14.89	16.08	16.46	17.66	18.04
5	11.41	12.60	11.36	12.55	12.93	14.13	14.51	15.70	16.90	17.28	18.47	18.85
6	12.22	13.41	12.17	13.36	13.74	14.94	15.32	16.51	17.71	18.09	19.28	19.67
7	13.03	14.22	12.98	14.18	14.56	15.75	16.13	17.33	18.52	18.90	20.10	20.48
8	13.84	15.04	13.79	14.99	15.37	16.56	16.95	18.14	19.33	19.71	20.91	21.29
9	14.66	15.85	14.61	15.80	16.18	17.38	17.76	18.95	20.15	20.53	21.72	22.10
10	15.47	16.66	15.42	16.61	16.99	18.19	18.57	19.76	20.96	21.34	22.53	22.92
11	16.28	17.48	16.23	17.43	17.81	19.00	19.38	20.58	21.77	22.15	23.35	23.73
12	17.09	18.29	17.04	18.24	18.62	19.81	20.20	21.39	22.58	22.97	0.16	0.54
13	17.91	19.10	17.86	19.05	19.43	20.63	21.01	22.20	23.40	23.78	0.97	1.35
14	18.72	19.91	18.67	19.86	20.25	21.44	21.82	23.02	0.21	0.59	1.79	2.17
15	19.53	20.73	19.48	20.68	21.06	22.25	22.63	23.83	1.02	1.40	2.60	2.98
16	20.35	21.54	20.30	21.49	21.87	23.07	23.45	0.64	1.84	2.22	3.41	3.79
17	21.16	22.35	21.11	22.30	22.68	23.88	0.26	1.45	2.65	3.03	4.22	4.61
18	21.97	23.16	21.92	23.11	23.50	0.69	1.07	2.27	3.46	3.84	5.04	5.42
19	22.78	23.98	22.73	23.93	0.31	1.50	1.88	3.08	4.27	4.65	5.85	6.23
20	23.60	0.79	23.55	0.74	1.12	2.32	2.70	3.89	5.09	5.47	6.66	7.04
21	0.41	1.60	0.36	1.55	1.93	3.13	3.51	4.70	5.90	6.28	7.47	7.86
22	1.22	2.42	1.17	2.37	2.75	3.94	4.32	5.52	6.71	7.09	8.29	8.67
23	2.03	3.23	1.98	3.18	3.56	4.75	5.14	6.33	7.52	7.91	9.10	9.48
24	2.85	4.04	2.80	3.99	4.37	5.57	5.95	7.14	8.34	8.72	9.91	10.29
25	3.66	4.85	3.61	4.80	5.19	6.38	6.76	7.96	9.15	9.53	10.73	11.11
26	4.47	5.67	4.42	5.62	6.00	7.19	7.57	8.77	9.96	10.34	11.54	11.92
27	5.28	6.48	5.24	6.43	6.81	8.01	8.39	9.58	10.78	11.16	12.35	12.73
28	6.10	7.29	6.05	7.24	7.62	8.82	9.20	10.39	11.59	11.97	13.16	13.54
29	6.91		6.86	8.05	8.44	9.63	10.01	11.21	12.40	12.78	13.98	14.36
30	7.72		7.67	8.87	9.25	10.44	10.82	12.02	13.21	13.59	14.79	15.17
31	8.54		8.49		10.06		11.64	12.83		14.41		15.98

TABLE 1 (CONTINUED) LUNAR PHASE MU

YEAR 1891

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	16.80	17.99	16.75	17.94	18.32	19.52	19.90	21.09	22.29	22.67	23.86	0.24
2	17.61	18.80	17.56	18.75	19.13	20.33	20.71	21.90	23.10	23.48	0.67	1.06
3	18.42	19.62	18.37	19.57	19.95	21.14	21.52	22.72	23.91	0.29	1.49	1.87
4	19.23	20.43	19.18	20.38	20.76	21.95	22.34	23.53	0.72	1.11	2.30	2.68
5	20.05	21.24	20.00	21.19	21.57	22.77	23.15	0.34	1.54	1.92	3.11	3.49
6	20.86	22.05	20.81	22.00	22.39	23.58	23.96	1.16	2.35	2.73	3.93	4.31
7	21.67	22.87	21.62	22.82	23.20	0.39	0.77	1.97	3.16	3.54	4.74	5.12
8	22.48	23.68	22.44	23.63	0.01	1.21	1.59	2.78	3.98	4.36	5.55	5.93
9	23.30	0.49	23.25	0.44	0.82	2.02	2.40	3.59	4.79	5.17	6.36	6.74
10	0.11	1.30	0.06	1.25	1.64	2.83	3.21	4.41	5.60	5.98	7.18	7.56
11	0.92	2.12	0.87	2.07	2.45	3.64	4.02	5.22	6.41	6.79	7.99	8.37
12	1.74	2.93	1.69	2.88	3.26	4.46	4.84	6.03	7.23	7.61	8.80	9.18
13	2.55	3.74	2.50	3.69	4.07	5.27	5.65	6.84	8.04	8.42	9.61	10.00
14	3.36	4.56	3.31	4.51	4.89	6.08	6.46	7.66	8.85	9.23	10.43	10.81
15	4.17	5.37	4.12	5.32	5.70	6.89	7.28	8.47	9.66	10.05	11.24	11.62
16	4.99	6.18	4.94	6.13	6.51	7.71	8.09	9.28	10.48	10.86	12.05	12.43
17	5.80	6.99	5.75	6.94	7.33	8.52	8.90	10.10	11.29	11.67	12.87	13.25
18	6.61	7.81	6.56	7.76	8.14	9.33	9.71	10.91	12.10	12.48	13.68	14.06
19	7.42	8.62	7.36	8.57	8.95	10.14	10.53	11.72	12.91	13.30	14.49	14.87
20	8.24	9.43	8.19	9.38	9.76	10.96	11.34	12.53	13.73	14.11	15.30	15.68
21	9.05	10.24	9.00	10.19	10.58	11.77	12.15	13.35	14.54	14.92	16.12	16.50
22	9.86	11.06	9.81	11.01	11.39	12.58	12.96	14.16	15.35	15.73	16.93	17.31
23	10.68	11.87	10.63	11.82	12.20	13.40	13.78	14.97	16.17	16.55	17.74	18.12
24	11.49	12.68	11.44	12.63	13.01	14.21	14.59	15.78	16.98	17.36	18.55	18.94
25	12.30	13.50	12.25	13.45	13.83	15.02	15.40	16.60	17.79	18.17	19.37	19.75
26	13.11	14.31	13.06	14.26	14.64	15.83	16.22	17.41	18.60	18.99	20.18	20.56
27	13.93	15.12	13.88	15.07	15.45	16.65	17.03	18.22	19.42	19.80	20.99	21.37
28	14.74	15.93	14.69	15.88	16.27	17.48	17.84	19.04	20.23	20.61	21.81	22.19
29	15.55		15.50	16.70	17.08	18.27	18.65	19.85	21.04	21.42	22.62	23.00
30	16.36		16.31	17.51	17.89	19.08	19.47	20.66	21.85	22.24	23.43	23.81
31	17.18		17.13		18.70		20.28	21.47		23.05		0.82

TABLE 1 (CONTINUED) LUNAR PHASE NU

YEAR 1892

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	1.44	2.63	2.20	3.39	3.78	4.97	5.35	6.55	7.74	8.12	9.32	9.70
2	2.25	3.44	3.01	4.21	4.59	5.78	6.16	7.36	8.55	8.93	10.13	10.51
3	3.06	4.26	3.83	5.02	5.40	6.60	6.98	8.17	9.37	9.75	10.94	11.32
4	3.88	5.07	4.64	5.83	6.21	7.41	7.79	8.98	10.18	10.56	11.75	12.14
5	4.69	5.88	5.45	6.65	7.03	8.22	8.60	9.80	10.99	11.37	12.57	12.95
6	5.50	6.70	6.26	7.46	7.84	9.03	9.42	10.61	11.80	12.19	13.38	13.76
7	6.31	7.51	7.08	8.27	8.65	9.85	10.23	11.42	12.62	13.00	14.19	14.57
8	7.13	8.32	7.89	9.08	9.47	10.66	11.04	12.24	13.43	13.81	15.00	15.39
9	7.94	9.13	8.70	9.90	10.28	11.47	11.85	13.05	14.24	14.62	15.82	16.20
10	8.75	9.95	9.51	10.71	11.09	12.28	12.67	13.86	15.05	15.44	16.63	17.01
11	9.56	10.76	10.33	11.52	11.90	13.10	13.48	14.67	15.87	16.25	17.44	17.82
12	10.38	11.57	11.14	12.33	12.72	13.91	14.29	15.49	16.68	17.06	18.26	18.64
13	11.19	12.38	11.95	13.15	13.53	14.72	15.10	16.30	17.49	17.87	19.07	19.45
14	12.00	13.20	12.77	13.96	14.34	15.54	15.92	17.11	18.31	18.69	19.88	20.26
15	12.82	14.01	13.58	14.77	15.15	16.35	16.73	17.92	19.12	19.50	20.69	21.08
16	13.63	14.82	14.39	15.59	15.97	17.16	17.54	18.74	19.93	20.31	21.51	21.89
17	14.44	15.64	15.20	16.40	16.78	17.97	18.36	19.55	20.74	21.13	22.32	22.70
18	15.25	16.45	16.02	17.21	17.59	18.79	19.17	20.36	21.56	21.94	23.13	23.51
19	16.07	17.26	16.83	18.02	18.41	19.60	19.98	21.17	22.37	22.75	23.94	0.33
20	16.88	18.07	17.64	18.84	19.22	20.41	20.79	21.99	23.18	23.56	0.76	1.14
21	17.69	18.89	18.45	19.65	20.03	21.22	21.61	22.80	23.99	0.38	1.57	1.95
22	18.50	19.70	19.27	20.46	20.84	22.04	22.42	23.61	0.81	1.19	2.38	2.76
23	19.32	20.51	20.08	21.27	21.66	22.85	23.23	0.43	1.62	2.00	3.20	3.58
24	20.13	21.32	20.89	22.09	22.47	23.66	0.04	1.24	2.43	2.81	4.01	4.39
25	20.94	22.14	21.71	22.90	23.28	0.48	0.86	2.05	3.25	3.63	4.82	5.20
26	21.76	22.95	22.52	23.71	0.09	1.29	1.67	2.86	4.06	4.44	5.63	6.02
27	22.57	23.76	23.33	0.53	0.91	2.10	2.48	3.68	4.87	5.25	6.45	6.83
28	23.38	0.57	0.14	1.34	1.72	2.91	3.30	4.49	5.68	6.07	7.26	7.64
29	0.19	1.39	0.96	2.15	2.53	3.73	4.11	5.30	6.50	6.88	8.07	8.45
30	1.01		1.77	2.96	3.34	4.54	4.92	6.11	7.31	7.69	8.88	9.27
31	1.82		2.58		4.16		5.73	6.93		8.50		10.08

TABLE 1 (CONTINUED) LUNAR PHASE NU

YEAR 1893

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	10.89	12.09	10.84	12.04	12.42	13.61	13.99	15.19	16.38	16.76	17.96	18.34
2	11.70	12.90	11.65	12.85	13.23	14.42	14.81	16.00	17.19	17.58	18.77	19.15
3	12.52	13.71	12.47	13.66	14.04	15.24	15.62	16.81	18.01	18.39	19.58	19.96
4	13.33	14.52	13.28	14.47	14.86	16.05	16.43	17.63	18.82	19.20	20.40	20.78
5	14.14	15.34	14.09	15.29	15.67	16.86	17.24	18.44	19.63	20.01	21.21	21.59
6	14.96	16.15	14.91	16.10	16.48	17.68	18.06	19.25	20.45	20.83	22.02	22.40
7	15.77	16.96	15.72	16.91	17.29	18.49	18.87	20.06	21.26	21.64	22.83	23.22
8	16.58	17.77	16.53	17.73	18.11	19.30	19.68	20.88	22.07	22.45	23.65	0.03
9	17.39	18.59	17.34	18.54	18.92	20.11	20.50	21.69	22.88	23.27	0.46	0.84
10	18.21	19.40	18.16	19.35	19.73	20.93	21.31	22.50	23.70	0.08	1.27	1.65
11	19.02	20.21	18.97	20.16	20.54	21.74	22.12	23.31	0.51	0.89	2.08	2.47
12	19.83	21.03	19.78	20.98	21.36	22.55	22.93	0.13	1.32	1.70	2.90	3.28
13	20.64	21.84	20.59	21.79	22.17	23.36	23.75	0.94	2.13	2.52	3.71	4.09
14	21.46	22.65	21.41	22.60	22.98	0.18	0.56	1.75	2.95	3.33	4.52	4.90
15	22.27	23.46	22.22	23.41	23.80	0.99	1.37	2.57	3.76	4.14	5.34	5.72
16	23.08	0.28	23.03	0.23	0.61	1.80	2.18	3.38	4.57	4.95	6.15	6.53
17	23.90	1.09	23.85	1.04	1.42	2.62	3.00	4.19	5.39	5.77	6.96	7.34
18	0.71	1.90	0.66	1.85	2.23	3.43	3.81	5.00	6.20	6.58	7.77	8.16
19	1.52	2.71	1.47	2.67	3.05	4.24	4.62	5.82	7.01	7.39	8.59	8.97
20	2.33	3.53	2.28	3.48	3.86	5.05	5.44	6.63	7.82	8.20	9.40	9.78
21	3.15	4.34	3.10	4.29	4.67	5.87	6.25	7.44	8.64	9.02	10.21	10.59
22	3.96	5.15	3.91	5.10	5.48	6.68	7.06	8.25	9.45	9.83	11.02	11.41
23	4.77	5.97	4.72	5.92	6.30	7.49	7.87	9.07	10.26	10.64	11.84	12.22
24	5.58	6.78	5.53	6.73	7.11	8.30	8.69	9.88	11.07	11.46	12.65	13.03
25	6.40	7.59	6.35	7.54	7.92	9.12	9.50	10.69	11.89	12.27	13.46	13.84
26	7.21	8.40	7.16	8.35	8.74	9.93	10.31	11.51	12.70	13.08	14.28	14.66
27	8.02	9.22	7.97	9.17	9.55	10.74	11.12	12.32	13.51	13.89	15.09	15.47
28	8.84	10.03	8.79	9.98	10.36	11.56	11.94	13.13	14.33	14.71	15.90	16.28
29	9.65		9.60	10.79	11.17	12.37	12.75	13.94	15.14	15.52	16.71	17.10
30	10.46		10.41	11.60	11.99	13.18	13.56	14.76	15.95	16.33	17.53	17.91
31	11.27		11.22		12.80		14.37	15.57		17.14		18.72

TABLE 1 (CONTINUED) LUNAR PHASE MU

YEAR 1894

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	19.53	20.73	19.48	20.68	21.06	22.25	22.63	23.83	1.02	1.40	2.60	2.98
2	20.35	21.54	20.30	21.49	21.87	23.07	23.45	0.64	1.84	2.22	3.41	3.79
3	21.16	22.35	21.11	22.30	22.68	23.88	0.26	1.45	2.65	3.03	4.22	4.61
4	21.97	23.17	21.92	23.12	23.50	0.69	1.07	2.27	3.46	3.84	5.04	5.42
5	22.78	23.98	22.73	23.93	0.31	1.50	1.89	3.08	4.27	4.66	5.85	6.23
6	23.60	0.79	23.55	0.74	1.12	2.32	2.70	3.89	5.09	5.47	6.66	7.04
7	0.41	1.60	0.36	1.55	1.94	3.13	3.51	4.71	5.90	6.28	7.48	7.86
8	1.22	2.42	1.17	2.37	2.75	3.94	4.32	5.52	6.71	7.09	8.29	8.67
9	2.03	3.23	1.99	3.18	3.56	4.76	5.14	6.33	7.53	7.91	9.10	9.48
10	2.85	4.04	2.80	3.99	4.37	5.57	5.95	7.14	8.34	8.72	9.91	10.30
11	3.66	4.85	3.61	4.80	5.19	6.38	6.76	7.96	9.15	9.53	10.73	11.11
12	4.47	5.67	4.42	5.62	6.00	7.19	7.57	8.77	9.96	10.34	11.54	11.92
13	5.29	6.48	5.24	6.43	6.81	8.01	8.39	9.58	10.78	11.16	12.35	12.73
14	6.10	7.29	6.05	7.24	7.62	8.82	9.20	10.39	11.59	11.97	13.16	13.55
15	6.91	8.11	6.86	8.06	8.44	9.63	10.01	11.21	12.40	12.78	13.98	14.36
16	7.72	8.92	7.67	8.87	9.25	10.44	10.83	12.02	13.21	13.60	14.79	15.17
17	8.54	9.73	8.49	9.68	10.06	11.26	11.64	12.83	14.03	14.41	15.60	15.98
18	9.35	10.54	9.30	10.49	10.88	12.07	12.45	13.65	14.84	15.22	16.42	16.80
19	10.16	11.36	10.11	11.31	11.69	12.88	13.26	14.46	15.65	16.03	17.23	17.61
20	10.97	12.17	10.93	12.12	12.50	13.70	14.08	15.27	16.47	16.85	18.04	18.42
21	11.79	12.98	11.74	12.93	13.31	14.51	14.89	16.08	17.28	17.66	18.85	19.23
22	12.60	13.79	12.55	13.74	14.13	15.32	15.70	16.90	18.09	18.47	19.67	20.05
23	13.41	14.61	13.36	14.56	14.94	16.13	16.51	17.71	18.90	19.28	20.48	20.86
24	14.23	15.42	14.18	15.37	15.75	16.95	17.33	18.52	19.72	20.10	21.29	21.67
25	15.04	16.23	14.99	16.18	16.56	17.76	18.14	19.33	20.53	20.91	22.10	22.49
26	15.85	17.05	15.80	17.00	17.38	18.57	18.95	20.15	21.34	21.72	22.92	23.30
27	16.66	17.86	16.61	17.81	18.19	19.38	19.77	20.96	22.15	22.54	23.73	0.11
28	17.48	18.67	17.43	18.62	19.00	20.20	20.58	21.77	22.97	23.35	0.54	0.92
29	18.29		18.24	19.43	19.82	21.01	21.39	22.59	23.78	0.16	1.36	1.74
30	19.10		19.05	20.25	20.63	21.82	22.20	23.40	0.59	0.97	2.17	2.55
31	19.91		19.87		21.44		23.02	0.21		1.79		3.36

TABLE 1 (CONTINUED) LUNAR PHASE MU

YEAR 1895

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	4.17	5.37	4.13	5.32	5.70	6.90	7.28	8.47	9.66	10.05	11.24	11.62
2	4.99	6.18	4.94	6.13	6.51	7.71	8.09	9.28	10.48	10.86	12.05	12.43
3	5.80	6.99	5.75	6.94	7.33	8.52	8.90	10.10	11.29	11.67	12.87	13.25
4	6.61	7.81	6.56	7.76	8.14	9.33	9.71	10.91	12.10	12.48	13.68	14.06
5	7.43	8.62	7.38	8.57	8.95	10.15	10.53	11.72	12.92	13.30	14.49	14.87
6	8.24	9.43	8.19	9.38	9.76	10.96	11.34	12.53	13.73	14.11	15.30	15.69
7	9.05	10.25	9.00	10.20	10.58	11.77	12.15	13.35	14.54	14.92	16.12	16.50
8	9.86	11.06	9.81	11.01	11.39	12.58	12.97	14.16	15.35	15.74	16.93	17.31
9	10.68	11.87	10.63	11.82	12.20	13.40	13.78	14.97	16.17	16.55	17.74	18.12
10	11.49	12.68	11.44	12.63	13.02	14.21	14.59	15.79	16.98	17.36	18.56	18.94
11	12.30	13.50	12.25	13.45	13.83	15.02	15.40	16.60	17.79	18.17	19.37	19.75
12	13.11	14.31	13.06	14.26	14.64	15.83	16.22	17.41	18.60	18.99	20.18	20.56
13	13.93	15.12	13.88	15.07	15.45	16.65	17.03	18.22	19.42	19.80	20.99	21.37
14	14.74	15.93	14.69	15.88	16.27	17.46	17.84	19.04	20.23	20.61	21.81	22.19
15	15.55	16.75	15.50	16.70	17.08	18.27	18.65	19.85	21.04	21.42	22.62	23.00
16	16.37	17.56	16.32	17.51	17.89	19.09	19.47	20.66	21.86	22.24	23.43	23.81
17	17.18	18.37	17.13	18.32	18.70	19.90	20.28	21.47	22.67	23.05	0.24	0.63
18	17.99	19.19	17.94	19.14	19.52	20.71	21.09	22.29	23.48	23.86	1.06	1.44
19	18.80	20.00	18.75	19.95	20.33	21.52	21.91	23.10	0.29	0.68	1.87	2.25
20	19.62	20.81	19.57	20.76	21.14	22.34	22.72	23.91	1.11	1.49	2.68	3.06
21	20.43	21.62	20.38	21.57	21.96	23.15	23.53	0.73	1.92	2.30	3.50	3.88
22	21.24	22.44	21.19	22.39	22.77	23.96	0.34	1.54	2.73	3.11	4.31	4.69
23	22.05	23.25	22.00	23.20	23.58	0.77	1.16	2.35	3.54	3.93	5.12	5.50
24	22.87	0.06	22.82	0.01	0.39	1.59	1.97	3.16	4.36	4.74	5.93	6.31
25	23.68	0.87	23.63	0.82	1.21	2.40	2.78	3.98	5.17	5.55	6.75	7.13
26	0.49	1.69	0.44	1.64	2.02	3.21	3.59	4.79	5.98	6.36	7.56	7.94
27	1.31	2.50	1.26	2.45	2.83	4.03	4.41	5.60	6.80	7.18	8.37	8.75
28	2.12	3.31	2.07	3.26	3.64	4.84	5.22	6.41	7.61	7.99	9.18	9.57
29	2.93		2.88	4.08	4.46	5.65	6.03	7.23	8.42	8.80	10.00	10.38
30	3.74		3.69	4.89	5.27	6.46	6.85	8.04	9.23	9.62	10.81	11.19
31	4.56		4.51		6.08		7.66	8.85		10.43		12.00

TABLE 1 (CONTINUED) LUNAR PHASE NU

YEAR 1896

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	12.82	14.01	13.58	14.77	15.16	16.35	16.73	17.93	19.12	19.50	20.69	21.08
2	13.63	14.82	14.39	15.59	15.97	17.16	17.54	18.74	19.93	20.31	21.51	21.89
3	14.44	15.64	15.20	16.40	16.78	17.97	18.36	19.55	20.74	21.13	22.32	22.70
4	15.25	16.45	16.02	17.21	17.59	18.79	19.17	20.36	21.56	21.94	23.13	23.51
5	16.07	17.26	16.83	18.02	18.41	19.60	19.98	21.18	22.37	22.75	23.95	0.33
6	16.88	18.07	17.64	18.84	19.22	20.41	20.79	21.99	23.18	23.56	0.76	1.14
7	17.69	18.89	18.46	19.65	20.03	21.23	21.61	22.80	24.00	0.38	1.57	1.95
8	18.51	19.70	19.27	20.46	20.84	22.04	22.42	23.61	0.81	1.19	2.38	2.77
9	19.32	20.51	20.08	21.28	21.66	22.85	23.23	0.43	1.62	2.00	3.20	3.58
10	20.13	21.33	20.89	22.09	22.47	23.66	0.05	1.24	2.43	2.82	4.01	4.39
11	20.94	22.14	21.71	22.90	23.28	0.48	0.86	2.05	3.25	3.63	4.82	5.20
12	21.76	22.95	22.52	23.71	0.09	1.29	1.67	2.86	4.06	4.44	5.63	6.02
13	22.57	23.76	23.33	0.53	0.91	2.10	2.48	3.68	4.87	5.25	6.45	6.83
14	23.38	0.58	0.14	1.34	1.72	2.91	3.30	4.49	5.68	6.07	7.26	7.64
15	0.19	1.39	0.96	2.15	2.53	3.73	4.11	5.30	6.50	6.88	8.07	8.45
16	1.01	2.20	1.77	2.96	3.35	4.54	4.92	6.12	7.31	7.69	8.89	9.27
17	1.82	3.01	2.58	3.78	4.16	5.35	5.73	6.93	8.12	8.50	9.70	10.08
18	2.63	3.83	3.40	4.59	4.97	6.17	6.55	7.74	8.94	9.32	10.51	10.89
19	3.45	4.64	4.21	5.40	5.78	6.98	7.36	8.55	9.75	10.13	11.32	11.71
20	4.26	5.45	5.02	6.22	6.60	7.79	8.17	9.37	10.56	10.94	12.14	12.52
21	5.07	6.26	5.83	7.03	7.41	8.60	8.99	10.18	11.37	11.76	12.95	13.33
22	5.88	7.08	6.65	7.84	8.22	9.42	9.80	10.99	12.19	12.57	13.76	14.14
23	6.70	7.89	7.46	8.65	9.03	10.23	10.61	11.80	13.00	13.38	14.57	14.96
24	7.51	8.70	8.27	9.47	9.85	11.04	11.42	12.62	13.81	14.19	15.39	15.77
25	8.32	9.52	9.08	10.28	10.66	11.85	12.24	13.43	14.62	15.01	16.20	16.58
26	9.13	10.33	9.90	11.09	11.47	12.67	13.05	14.24	15.44	15.82	17.01	17.39
27	9.95	11.14	10.71	11.90	12.29	13.48	13.86	15.06	16.25	16.63	17.83	18.21
28	10.76	11.95	11.52	12.72	13.10	14.29	14.67	15.87	17.06	17.44	18.64	19.02
29	11.57	12.77	12.34	13.53	13.91	15.11	15.49	16.68	17.88	18.26	19.45	19.83
30	12.39		13.15	14.34	14.72	15.92	16.30	17.49	18.69	19.07	20.26	20.65
31	13.20		13.96		15.54		17.11	18.31		19.88		21.46

TABLE 1 (CONTINUED) LUNAR PHASE NU

YEAR 1897

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	22.27	23.46	22.22	23.42	23.80	0.99	1.37	2.57	3.76	4.14	5.34	5.72
2	23.08	0.28	23.03	0.23	0.61	1.80	2.19	3.38	4.57	4.96	6.15	6.53
3	23.90	1.09	23.85	1.04	1.42	2.62	3.00	4.19	5.39	5.77	6.96	7.34
4	0.71	1.90	0.66	1.85	2.23	3.43	3.81	5.00	6.20	6.58	7.77	8.16
5	1.52	2.72	1.47	2.67	3.05	4.24	4.62	5.82	7.01	7.39	8.59	8.97
6	2.33	3.53	2.28	3.48	3.86	5.05	5.44	6.63	7.82	8.21	9.40	9.78
7	3.15	4.34	3.10	4.29	4.67	5.87	6.25	7.44	8.64	9.02	10.21	10.59
8	3.96	5.15	3.91	5.10	5.49	6.68	7.06	8.26	9.45	9.83	11.03	11.41
9	4.77	5.97	4.72	5.92	6.30	7.49	7.87	9.07	10.26	10.64	11.84	12.22
10	5.59	6.78	5.54	6.73	7.11	8.31	8.69	9.88	11.08	11.46	12.65	13.03
11	6.40	7.59	6.35	7.54	7.92	9.12	9.50	10.69	11.89	12.27	13.46	13.85
12	7.21	8.40	7.16	8.36	8.74	9.93	10.31	11.51	12.70	13.08	14.28	14.66
13	8.02	9.22	7.97	9.17	9.55	10.74	11.12	12.32	13.51	13.89	15.09	15.47
14	8.84	10.03	8.79	9.98	10.36	11.56	11.94	13.13	14.33	14.71	15.90	16.28
15	9.65	10.84	9.60	10.79	11.17	12.37	12.75	13.94	15.14	15.52	16.71	17.10
16	10.46	11.66	10.41	11.61	11.99	13.18	13.56	14.76	15.95	16.33	17.53	17.91
17	11.27	12.47	11.22	12.42	12.80	13.99	14.38	15.57	16.76	17.15	18.34	18.72
18	12.09	13.28	12.04	13.23	13.61	14.81	15.19	16.38	17.58	17.96	19.15	19.53
19	12.90	14.09	12.85	14.04	14.43	15.62	16.00	17.20	18.39	18.77	19.97	20.35
20	13.71	14.91	13.66	14.86	15.24	16.43	16.81	18.01	19.20	19.58	20.78	21.16
21	14.53	15.72	14.48	15.67	16.05	17.25	17.63	18.82	20.02	20.40	21.59	21.97
22	15.34	16.53	15.29	16.48	16.86	18.06	18.44	19.63	20.83	21.21	22.40	22.79
23	16.15	17.34	16.10	17.29	17.68	18.87	19.25	20.45	21.64	22.02	23.22	23.60
24	16.96	18.16	16.91	18.11	18.49	19.68	20.06	21.26	22.45	22.83	0.03	0.41
25	17.78	18.97	17.73	18.92	19.30	20.50	20.88	22.07	23.27	23.65	0.84	1.22
26	18.59	19.78	18.54	19.73	20.11	21.31	21.69	22.88	0.08	0.46	1.65	2.04
27	19.40	20.60	19.35	20.55	20.93	22.12	22.50	23.70	0.89	1.27	2.47	2.85
28	20.21	21.41	20.16	21.36	21.74	22.93	23.32	0.51	1.70	2.09	3.28	3.66
29	21.03		20.98	22.17	22.55	23.75	0.13	1.32	2.52	2.90	4.09	4.47
30	21.84		21.79	22.98	23.37	0.56	0.94	2.14	3.33	3.71	4.91	5.29
31	22.65		22.60		0.18		1.75	2.95		4.52		6.10

TABLE 1 (CONTINUED) LUNAR PHASE NU

YEAR 1898

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	6.91	8.11	6.86	8.06	8.44	9.63	10.01	11.21	12.40	12.78	13.98	14.36
2	7.72	8.92	7.66	8.87	9.25	10.45	10.83	12.02	13.22	13.60	14.79	15.17
3	8.54	9.73	8.49	9.68	10.06	11.26	11.64	12.83	14.03	14.41	15.60	15.99
4	9.35	10.54	9.30	10.49	10.88	12.07	12.45	13.65	14.84	15.22	16.42	16.80
5	10.16	11.36	10.11	11.31	11.69	12.88	13.26	14.46	15.65	16.03	17.23	17.61
6	10.98	12.17	10.93	12.12	12.50	13.70	14.08	15.27	16.47	16.85	18.04	18.42
7	11.79	12.98	11.74	12.93	13.31	14.51	14.89	16.08	17.28	17.66	18.85	19.24
8	12.60	13.80	12.55	13.75	14.13	15.32	15.70	16.90	18.09	18.47	19.67	20.05
9	13.41	14.61	13.36	14.56	14.94	16.13	16.52	17.71	18.90	19.29	20.48	20.86
10	14.23	15.42	14.18	15.37	15.75	16.95	17.33	18.52	19.72	20.10	21.29	21.67
11	15.04	16.23	14.99	16.18	16.57	17.76	18.14	19.34	20.53	20.91	22.11	22.49
12	15.85	17.05	15.80	17.00	17.38	18.57	18.95	20.15	21.34	21.72	22.92	23.30
13	16.65	17.86	16.62	17.81	18.19	19.39	19.77	20.96	22.15	22.54	23.73	0.11
14	17.48	18.67	17.43	18.62	19.00	20.20	20.58	21.77	22.97	23.35	0.54	0.92
15	18.29	19.48	18.24	19.43	19.82	21.01	21.39	22.59	23.78	0.16	1.36	1.74
16	19.10	20.30	19.05	20.25	20.63	21.82	22.20	23.40	0.59	0.97	2.17	2.55
17	19.92	21.11	19.87	21.06	21.44	22.64	23.02	0.21	1.41	1.79	2.98	3.36
18	20.73	21.92	20.68	21.87	22.25	23.45	23.83	1.02	2.22	2.60	3.79	4.18
19	21.54	22.74	21.49	22.69	23.07	0.26	0.64	1.84	3.03	3.41	4.61	4.99
20	22.35	23.55	22.30	23.50	23.88	1.07	1.46	2.65	3.84	4.23	5.42	5.80
21	23.17	0.36	23.12	0.31	0.69	1.89	2.27	3.46	4.66	5.04	6.23	6.61
22	23.98	1.17	23.93	1.12	1.51	2.70	3.08	4.28	5.47	5.85	7.05	7.43
23	0.79	1.99	0.74	1.94	2.32	3.51	3.89	5.09	6.28	6.66	7.86	8.24
24	1.60	2.80	1.56	2.75	3.13	4.32	4.71	5.90	7.09	7.48	8.67	9.05
25	2.42	3.61	2.37	3.56	3.94	5.14	5.52	6.71	7.91	8.29	9.48	9.86
26	3.23	4.42	3.18	4.37	4.76	5.95	6.33	7.53	8.72	9.10	10.30	10.68
27	4.04	5.24	3.99	5.19	5.57	6.76	7.14	8.34	9.53	9.91	11.11	11.49
28	4.86	6.05	4.81	6.00	6.38	7.58	7.96	9.15	10.35	10.73	11.92	12.30
29	5.67		5.62	6.81	7.19	8.39	8.77	9.96	11.16	11.54	12.73	13.12
30	6.48		6.43	7.63	8.01	9.20	9.58	10.78	11.97	12.35	13.55	13.93
31	7.29		7.24		8.82		10.40	11.59		13.17		14.74

TABLE 1 (CONTINUED) LUNAR PHASE NU

YEAR 1899

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	15.55	16.75	15.50	16.70	17.08	18.27	18.66	19.85	21.04	21.43	22.62	23.00
2	16.37	17.56	16.32	17.51	17.89	19.09	19.47	20.66	21.86	22.24	23.43	23.81
3	17.18	18.37	17.13	18.32	18.71	19.90	20.28	21.48	22.67	23.05	0.25	0.63
4	17.99	19.19	17.94	19.14	19.52	20.71	21.09	22.29	23.48	23.86	1.06	1.44
5	18.80	20.00	18.75	19.95	20.33	21.52	21.91	23.10	0.29	0.68	1.87	2.25
6	19.62	20.81	19.57	20.76	21.14	22.34	22.72	23.91	1.11	1.49	2.68	3.06
7	20.43	21.62	20.38	21.57	21.96	23.15	23.53	0.73	1.92	2.30	3.50	3.88
8	21.24	22.44	21.19	22.39	22.77	23.96	0.34	1.54	2.73	3.11	4.31	4.69
9	22.06	23.25	22.01	23.20	23.58	0.78	1.16	2.35	3.55	3.93	5.12	5.50
10	22.87	0.06	22.82	0.01	0.39	1.59	1.97	3.16	4.36	4.74	5.93	6.32
11	23.68	0.88	23.63	0.83	1.21	2.40	2.78	3.98	5.17	5.55	6.75	7.13
12	0.49	1.69	0.44	1.64	2.02	3.21	3.60	4.79	5.98	6.37	7.56	7.94
13	1.31	2.50	1.26	2.45	2.83	4.03	4.41	5.60	6.80	7.18	8.37	8.75
14	2.12	3.31	2.07	3.26	3.65	4.84	5.22	6.42	7.61	7.99	9.18	9.57
15	2.93	4.13	2.88	4.08	4.46	5.65	6.03	7.23	8.42	8.80	10.00	10.38
16	3.74	4.94	3.69	4.89	5.27	6.46	6.85	8.04	9.23	9.62	10.81	11.19
17	4.56	5.75	4.51	5.70	6.08	7.28	7.66	8.85	10.05	10.43	11.62	12.00
18	5.37	6.56	5.32	6.51	6.90	8.09	8.47	9.67	10.86	11.24	12.44	12.82
19	6.18	7.38	6.13	7.33	7.71	8.90	9.28	10.48	11.67	12.05	13.25	13.63
20	7.00	8.19	6.95	8.14	8.52	9.72	10.10	11.29	12.49	12.87	14.06	14.44
21	7.81	9.00	7.76	8.95	9.33	10.53	10.91	12.10	13.30	13.68	14.87	15.26
22	8.62	9.82	8.57	9.77	10.15	11.34	11.72	12.92	14.11	14.49	15.69	16.07
23	9.43	10.63	9.38	10.58	10.96	12.15	12.54	13.73	14.92	15.31	16.50	16.88
24	10.25	11.44	10.20	11.39	11.77	12.97	13.35	14.54	15.74	16.12	17.31	17.69
25	11.06	12.25	11.01	12.20	12.59	13.78	14.16	15.35	16.55	16.93	18.12	18.51
26	11.87	13.07	11.82	13.02	13.40	14.59	14.97	16.17	17.36	17.74	18.94	19.32
27	12.68	13.88	12.63	13.83	14.21	15.40	15.79	16.98	18.17	18.56	19.75	20.13
28	13.50	14.69	13.45	14.64	15.02	16.22	16.60	17.79	18.99	19.37	20.56	20.94
29	14.31		14.26	15.45	15.84	17.03	17.41	18.61	19.80	20.18	21.38	21.76
30	15.12		15.07	16.27	16.65	17.84	18.22	19.42	20.61	20.99	22.19	22.57
31	15.94		15.89		17.46		19.04	20.23		21.81		23.38

TABLE 1 (CONTINUED) LUNAR PHASE NU

YEAR 1900

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	0.20	1.39	0.15	1.34	1.72	2.92	3.30	4.49	5.69	6.07	7.26	7.64
2	1.01	2.20	0.96	2.15	2.53	3.73	4.11	5.30	6.50	6.88	8.07	8.46
3	1.82	3.02	1.77	2.97	3.35	4.54	4.92	6.12	7.31	7.69	8.89	9.27
4	2.63	3.83	2.58	3.78	4.16	5.35	5.74	6.93	8.12	8.51	9.70	10.08
5	3.45	4.64	3.40	4.59	4.97	6.17	6.55	7.74	8.94	9.32	10.51	10.89
6	4.26	5.45	4.21	5.40	5.78	6.98	7.36	8.55	9.75	10.13	11.32	11.71
7	5.07	6.27	5.02	6.22	6.60	7.79	8.17	9.37	10.56	10.94	12.14	12.52
8	5.88	7.08	5.83	7.03	7.41	8.60	8.99	10.18	11.37	11.76	12.95	13.33
9	6.70	7.89	6.65	7.84	8.22	9.42	9.80	10.99	12.19	12.57	13.76	14.14
10	7.51	8.70	7.46	8.65	9.04	10.23	10.61	11.81	13.00	13.38	14.58	14.96
11	8.32	9.52	8.27	9.47	9.85	11.04	11.42	12.62	13.81	14.19	15.39	15.77
12	9.14	10.33	9.09	10.28	10.66	11.86	12.24	13.43	14.63	15.01	16.20	16.58
13	9.95	11.14	9.90	11.09	11.47	12.67	13.05	14.24	15.44	15.82	17.01	17.40
14	10.76	11.95	10.71	11.91	12.29	13.48	13.86	15.06	16.25	16.63	17.83	18.21
15	11.57	12.77	11.52	12.72	13.10	14.29	14.68	15.87	17.06	17.45	18.64	19.02
16	12.39	13.58	12.34	13.53	13.91	15.11	15.49	16.68	17.88	18.26	19.45	19.83
17	13.20	14.39	13.15	14.34	14.72	15.92	16.30	17.49	18.69	19.07	20.26	20.65
18	14.01	15.21	13.96	15.16	15.54	16.73	17.11	18.31	19.50	19.88	21.08	21.46
19	14.82	16.02	14.77	15.97	16.35	17.54	17.93	19.12	20.31	20.70	21.89	22.27
20	15.64	16.83	15.59	16.78	17.16	18.36	18.74	19.93	21.13	21.51	22.70	23.08
21	16.45	17.64	16.40	17.59	17.98	19.17	19.55	20.75	21.94	22.32	23.52	23.90
22	17.26	18.46	17.21	18.41	18.79	19.98	20.36	21.56	22.75	23.13	0.33	0.71
23	18.08	19.27	18.03	19.22	19.60	20.80	21.18	22.37	23.57	23.95	1.14	1.52
24	18.89	20.08	18.84	20.03	20.41	21.61	21.99	23.18	0.38	0.76	1.95	2.34
25	19.70	20.89	19.65	20.85	21.23	22.42	22.80	24.00	1.19	1.57	2.77	3.15
26	20.51	21.71	20.46	21.66	22.04	23.23	23.62	0.81	2.00	2.38	3.58	3.96
27	21.33	22.52	21.28	22.47	22.85	0.05	0.43	1.62	2.82	3.20	4.39	4.77
28	22.14	23.33	22.09	23.28	23.66	0.86	1.24	2.43	3.63	4.01	5.20	5.59
29	22.95		22.90	0.10	0.48	1.67	2.05	3.25	4.44	4.82	6.02	6.40
30	23.76		23.71	0.91	1.29	2.48	2.87	4.06	5.25	5.64	6.83	7.21
31	0.58		0.53		2.10		3.68	4.87		6.45		8.02

TABLE 1 (CONTINUED) LUNAR PHASE NU

YEAR 1901

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	8.84	10.03	8.79	9.98	10.36	11.56	11.94	13.13	14.33	14.71	15.90	16.28
2	9.65	10.84	9.60	10.79	11.18	12.37	12.75	13.95	15.14	15.52	16.72	17.10
3	10.46	11.66	10.41	11.61	11.99	13.18	13.56	14.76	15.95	16.33	17.53	17.91
4	11.28	12.47	11.23	12.42	12.80	14.00	14.38	15.57	16.77	17.15	18.34	18.72
5	12.09	13.28	12.04	13.23	13.61	14.81	15.19	16.38	17.58	17.96	19.15	19.54
6	12.90	14.09	12.85	14.05	14.43	15.62	16.00	17.20	18.39	18.77	19.97	20.35
7	13.71	14.91	13.66	14.86	15.24	16.43	16.81	18.01	19.20	19.58	20.78	21.16
8	14.53	15.72	14.48	15.67	16.05	17.25	17.63	18.82	20.02	20.40	21.59	21.97
9	15.34	16.53	15.29	16.48	16.86	18.06	18.44	19.63	20.83	21.21	22.40	22.79
10	16.15	17.35	16.10	17.30	17.68	18.87	19.25	20.45	21.64	22.02	23.22	23.60
11	16.96	18.16	16.91	18.11	18.49	19.68	20.07	21.26	22.45	22.84	0.03	0.41
12	17.78	18.97	17.73	18.92	19.30	20.50	20.88	22.07	23.27	23.65	0.84	1.22
13	18.59	19.78	18.54	19.73	20.12	21.31	21.69	22.89	0.08	0.46	1.66	2.04
14	19.40	20.60	19.35	20.55	20.93	22.12	22.50	23.70	0.89	1.27	2.47	2.85
15	20.21	21.41	20.17	21.36	21.74	22.94	23.32	0.51	1.71	2.09	3.28	3.66
16	21.03	22.22	20.98	22.17	22.55	23.75	0.13	1.32	2.52	2.90	4.09	4.48
17	21.84	23.03	21.79	22.98	23.37	0.56	0.94	2.14	3.33	3.71	4.91	5.29
18	22.65	23.85	22.60	23.80	0.18	1.37	1.75	2.95	4.14	4.52	5.72	6.10
19	23.47	0.66	23.42	0.61	0.99	2.19	2.57	3.76	4.96	5.34	6.53	6.91
20	0.28	1.47	0.23	1.42	1.80	3.00	3.38	4.57	5.77	6.15	7.34	7.73
21	1.09	2.29	1.04	2.24	2.62	3.81	4.19	5.39	6.58	6.96	8.16	8.54
22	1.90	3.10	1.85	3.05	3.43	4.62	5.01	6.20	7.39	7.78	8.97	9.35
23	2.72	3.91	2.67	3.86	4.24	5.44	5.82	7.01	8.21	8.59	9.78	10.16
24	3.53	4.72	3.48	4.67	5.06	6.25	6.63	7.83	9.02	9.40	10.60	10.98
25	4.34	5.54	4.29	5.49	5.87	7.06	7.44	8.64	9.83	10.21	11.41	11.79
26	5.15	6.35	5.11	6.30	6.68	7.88	8.26	9.45	10.65	11.03	12.22	12.60
27	5.97	7.16	5.92	7.11	7.49	8.69	9.07	10.26	11.46	11.84	13.03	13.41
28	6.78	7.97	6.73	7.92	8.31	9.50	9.88	11.08	12.27	12.65	13.85	14.23
29	7.59		7.54	8.74	9.12	10.31	10.69	11.89	13.08	13.46	14.66	15.04
30	8.41		8.36	9.55	9.93	11.13	11.51	12.70	13.90	14.28	15.47	15.85
31	9.22		9.17		10.74		12.32	13.51		15.09		16.67

TABLE 1 (CONTINUED) LUNAR PHASE MU

YEAR 1902

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	17.46	18.67	17.43	18.62	19.00	20.20	20.58	21.77	22.97	23.35	0.54	0.93
2	18.29	19.49	18.24	19.44	19.82	21.01	21.39	22.59	23.78	0.16	1.36	1.74
3	19.10	20.30	19.05	20.25	20.63	21.82	22.21	23.40	0.59	0.98	2.17	2.55
4	19.92	21.11	19.87	21.06	21.44	22.64	23.02	0.21	1.41	1.79	2.98	3.36
5	20.73	21.92	20.68	21.87	22.26	23.45	23.83	1.03	2.22	2.60	3.80	4.18
6	21.54	22.74	21.49	22.69	23.07	0.26	0.64	1.84	3.03	3.41	4.61	4.99
7	22.35	23.55	22.31	23.50	23.88	1.08	1.46	2.65	3.84	4.23	5.42	5.80
8	23.17	0.36	23.12	0.31	0.69	1.89	2.27	3.46	4.66	5.04	6.23	6.61
9	23.98	1.17	23.93	1.12	1.51	2.70	3.08	4.28	5.47	5.85	7.05	7.43
10	0.79	1.99	0.74	1.94	2.32	3.51	3.89	5.09	6.28	6.66	7.86	8.24
11	1.61	2.80	1.56	2.75	3.13	4.33	4.71	5.90	7.10	7.48	8.67	9.05
12	2.42	3.61	2.37	3.56	3.94	5.14	5.52	6.71	7.91	8.29	9.48	9.87
13	3.23	4.43	3.18	4.38	4.76	5.95	6.33	7.53	8.72	9.10	10.30	10.68
14	4.04	5.24	3.99	5.19	5.57	6.76	7.15	8.34	9.53	9.92	11.11	11.49
15	4.86	6.05	4.81	6.00	6.38	7.58	7.96	9.15	10.35	10.73	11.92	12.30
16	5.67	6.86	5.62	6.81	7.20	8.39	8.77	9.97	11.16	11.54	12.74	13.12
17	6.48	7.68	6.43	7.63	8.01	9.20	9.58	10.78	11.97	12.35	13.55	13.93
18	7.29	8.49	7.24	8.44	8.82	10.01	10.40	11.59	12.78	13.17	14.36	14.74
19	8.11	9.30	8.06	9.25	9.63	10.83	11.21	12.40	13.60	13.98	15.17	15.55
20	8.92	10.11	8.87	10.06	10.45	11.64	12.02	13.22	14.41	14.79	15.99	16.37
21	9.73	10.93	9.68	10.88	11.26	12.45	12.83	14.03	15.22	15.60	16.80	17.18
22	10.55	11.74	10.50	11.69	12.07	13.27	13.65	14.84	16.04	16.42	17.61	17.99
23	11.36	12.55	11.31	12.50	12.88	14.08	14.46	15.65	16.85	17.23	18.42	18.81
24	12.17	13.37	12.12	13.32	13.70	14.89	15.27	16.47	17.66	18.04	19.24	19.62
25	12.98	14.18	12.93	14.13	14.51	15.70	16.09	17.28	18.47	18.86	20.05	20.43
26	13.80	14.99	13.75	14.94	15.32	16.52	16.90	18.09	19.29	19.67	20.86	21.24
27	14.61	15.80	14.56	15.75	16.14	17.33	17.71	18.91	20.10	20.48	21.68	22.06
28	15.42	16.62	15.37	16.57	16.95	18.14	18.52	19.72	20.91	21.29	22.49	22.87
29	16.23	16.18	17.38	17.76	18.95	19.34	20.53	21.72	22.11	23.30	23.68	
30	17.05		17.00	18.19	18.57	19.77	20.15	21.34	22.54	22.92	0.11	0.49
31	17.86		17.81		19.39		20.96	22.16		23.73		1.31

TABLE 1 (CONTINUED) LUNAR PHASE MU

YEAR 1903

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	2.12	3.31	2.07	3.26	3.65	4.84	5.22	6.42	7.61	7.99	9.19	9.57
2	2.93	4.13	2.88	4.08	4.46	5.65	6.03	7.23	8.42	8.80	10.00	10.38
3	3.75	4.94	3.70	4.89	5.27	6.47	6.85	8.04	9.24	9.62	10.81	11.19
4	4.56	5.75	4.51	5.70	6.08	7.28	7.66	8.85	10.05	10.43	11.62	12.01
5	5.37	6.57	5.32	6.52	6.90	8.09	8.47	9.67	10.86	11.24	12.44	12.82
6	6.18	7.38	6.13	7.33	7.71	8.90	9.29	10.48	11.67	12.06	13.25	13.63
7	7.00	8.19	6.95	8.14	8.52	9.72	10.10	11.29	12.49	12.87	14.06	14.44
8	7.81	9.00	7.76	8.95	9.34	10.53	10.91	12.11	13.30	13.68	14.87	15.26
9	8.62	9.82	8.57	9.77	10.15	11.34	11.72	12.92	14.11	14.49	15.69	16.07
10	9.43	10.63	9.38	10.58	10.96	12.15	12.54	13.73	14.92	15.31	16.50	16.88
11	10.25	11.44	10.20	11.39	11.77	12.97	13.35	14.54	15.74	16.12	17.31	17.69
12	11.06	12.25	11.01	12.20	12.59	13.78	14.16	15.36	16.55	16.93	18.13	18.51
13	11.87	13.07	11.82	13.02	13.40	14.59	14.97	16.17	17.36	17.74	18.94	19.32
14	12.69	13.88	12.64	13.83	14.21	15.41	15.79	16.98	18.18	18.56	19.75	20.13
15	13.50	14.69	13.45	14.64	15.02	16.22	16.60	17.79	18.99	19.37	20.56	20.95
16	14.31	15.51	14.26	15.46	15.84	17.03	17.41	18.61	19.80	20.18	21.38	21.76
17	15.12	16.32	15.07	16.27	16.65	17.84	18.23	19.42	20.61	21.00	22.19	22.57
18	15.94	17.13	15.89	17.08	17.46	18.66	19.04	20.23	21.43	21.81	23.00	23.38
19	16.75	17.94	16.70	17.89	18.27	19.47	19.85	21.04	22.24	22.62	23.81	0.20
20	17.56	18.76	17.51	18.71	19.09	20.28	20.66	21.86	23.05	23.43	0.63	1.01
21	18.37	19.57	18.32	19.52	19.90	21.09	21.48	22.67	23.86	0.25	1.44	1.82
22	19.19	20.38	19.14	20.33	20.71	21.91	22.29	23.48	0.68	1.06	2.25	2.63
23	20.00	21.19	19.95	21.14	21.53	22.72	23.10	0.30	1.49	1.87	3.07	3.45
24	20.81	22.01	20.76	21.96	22.34	23.53	23.91	1.11	2.30	2.68	3.88	4.26
25	21.63	22.82	21.58	22.77	23.15	0.35	0.73	1.92	3.12	3.50	4.69	5.07
26	22.44	23.63	22.39	23.58	23.96	1.16	1.54	2.73	3.93	4.31	5.50	5.89
27	23.25	0.44	23.20	0.40	0.78	1.97	2.35	3.55	4.74	5.12	6.32	6.70
28	0.06	1.26	0.01	1.21	1.59	2.78	3.17	4.36	5.55	5.94	7.13	7.51
29	0.88		0.83	2.02	2.40	3.60	3.98	5.17	6.37	6.75	7.94	8.32
30	1.69		1.64	2.83	3.21	4.41	4.79	5.98	7.18	7.56	8.75	9.14
31	2.50		2.45		4.03		5.60	6.80		8.37		9.95

TABLE 1 (CONTINUED) LUNAR PHASE NU

YEAR 1904

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	10.76	11.96	11.52	12.72	13.10	14.29	14.68	15.87	17.06	17.45	18.64	19.02
2	11.57	12.77	12.34	13.53	13.91	15.11	15.49	16.68	17.88	18.26	19.45	19.83
3	12.39	13.58	13.15	14.34	14.73	15.92	16.30	17.50	18.69	19.07	20.27	20.65
4	13.20	14.39	13.96	15.16	15.54	16.73	17.11	18.31	19.50	19.88	21.08	21.46
5	14.01	15.21	14.78	15.97	16.35	17.55	17.93	19.12	20.32	20.70	21.89	22.27
6	14.83	16.02	15.59	16.78	17.16	18.36	18.74	19.93	21.13	21.51	22.70	23.09
7	15.64	16.83	16.40	17.60	17.98	19.17	19.55	20.75	21.94	22.32	23.52	23.90
8	16.45	17.64	17.21	18.41	18.79	19.98	20.37	21.56	22.75	23.14	0.33	0.71
9	17.26	18.46	18.03	19.22	19.60	20.80	21.18	22.37	23.57	23.95	1.14	1.52
10	18.08	19.27	18.84	20.03	20.41	21.61	21.99	23.18	0.38	0.76	1.95	2.34
11	18.89	20.08	19.65	20.85	21.23	22.42	22.80	24.00	1.19	1.57	2.77	3.15
12	19.70	20.90	20.46	21.66	22.04	23.23	23.62	0.81	2.00	2.39	3.58	3.96
13	20.51	21.71	21.28	22.47	22.85	0.05	0.43	1.62	2.82	3.20	4.39	4.77
14	21.33	22.52	22.09	23.28	23.67	0.86	1.24	2.44	3.63	4.01	5.21	5.59
15	22.14	23.33	22.90	0.10	0.48	1.67	2.05	3.25	4.44	4.82	6.02	6.40
16	22.95	0.15	23.72	0.91	1.29	2.49	2.87	4.06	5.26	5.64	6.83	7.21
17	23.77	0.96	0.53	1.72	2.10	3.30	3.68	4.87	6.07	6.45	7.64	8.03
18	0.58	1.77	1.34	2.54	2.92	4.11	4.49	5.69	6.88	7.26	8.46	8.84
19	1.39	2.58	2.15	3.35	3.73	4.92	5.30	6.50	7.69	8.07	9.27	9.65
20	2.20	3.40	2.97	4.16	4.54	5.74	6.12	7.31	8.51	8.89	10.08	10.46
21	3.02	4.21	3.78	4.97	5.35	6.55	6.93	8.12	9.32	9.70	10.89	11.28
22	3.83	5.02	4.59	5.79	6.17	7.36	7.74	8.94	10.13	10.51	11.71	12.09
23	4.64	5.84	5.40	6.60	6.98	8.17	8.56	9.75	10.94	11.33	12.52	12.90
24	5.45	6.65	6.22	7.41	7.79	8.99	9.37	10.56	11.76	12.14	13.33	13.71
25	6.27	7.46	7.03	8.22	8.61	9.80	10.18	11.38	12.57	12.95	14.15	14.53
26	7.08	8.27	7.84	9.04	9.42	10.61	10.99	12.19	13.38	13.76	14.96	15.34
27	7.89	9.09	8.66	9.85	10.23	11.43	11.81	13.00	14.20	14.58	15.77	16.15
28	8.70	9.90	9.47	10.66	11.04	12.24	12.62	13.81	15.01	15.39	16.58	16.97
29	9.52	10.71	10.28	11.47	11.86	13.05	13.43	14.63	15.82	16.20	17.40	17.78
30	10.33		11.09	12.29	12.67	13.86	14.24	15.44	16.63	17.01	18.21	18.59
31	11.14		11.91		13.48		15.06	16.25		17.83		19.40

TABLE 1 (CONTINUED) LUNAR PHASE NU

YEAR 1905

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	20.22	21.41	20.17	21.36	21.74	22.94	23.32	0.51	1.71	2.09	3.28	3.66
2	21.03	22.22	20.98	22.17	22.55	23.75	0.13	1.32	2.52	2.90	4.09	4.48
3	21.84	23.04	21.79	22.99	23.37	0.56	0.94	2.14	3.33	3.71	4.91	5.29
4	22.65	23.85	22.60	23.80	0.18	1.37	1.76	2.95	4.14	4.53	5.72	6.10
5	23.47	0.66	23.42	0.61	0.99	2.19	2.57	3.76	4.96	5.34	6.53	6.91
6	0.28	1.47	0.23	1.42	1.81	3.00	3.38	4.58	5.77	6.15	7.35	7.73
7	1.09	2.29	1.04	2.24	2.62	3.81	4.19	5.39	6.58	6.96	8.16	8.54
8	1.90	3.10	1.86	3.05	3.43	4.63	5.01	6.20	7.40	7.78	8.97	9.35
9	2.72	3.91	2.67	3.86	4.24	5.44	5.82	7.01	8.21	8.59	9.78	10.17
10	3.53	4.72	3.48	4.67	5.06	6.25	6.63	7.83	9.02	9.40	10.60	10.98
11	4.34	5.54	4.29	5.49	5.87	7.06	7.44	8.64	9.83	10.21	11.41	11.79
12	5.16	6.35	5.11	6.30	6.68	7.88	8.26	9.45	10.65	11.03	12.22	12.60
13	5.97	7.16	5.92	7.11	7.49	8.69	9.07	10.26	11.46	11.84	13.03	13.42
14	6.78	7.98	6.73	7.93	8.31	9.50	9.88	11.08	12.27	12.65	13.85	14.23
15	7.59	8.79	7.54	8.74	9.12	10.31	10.70	11.89	13.08	13.47	14.66	15.04
16	8.41	9.60	8.36	9.55	9.93	11.13	11.51	12.70	13.90	14.28	15.47	15.85
17	9.22	10.41	9.17	10.36	10.75	11.94	12.32	13.52	14.71	15.09	16.29	16.67
18	10.03	11.23	9.98	11.18	11.56	12.75	13.13	14.33	15.52	15.90	17.10	17.48
19	10.84	12.04	10.80	11.99	12.37	13.57	13.95	15.14	16.33	16.72	17.91	18.29
20	11.66	12.85	11.61	12.80	13.18	14.38	14.76	15.95	17.15	17.53	18.72	19.10
21	12.47	13.66	12.42	13.61	14.00	15.19	15.57	16.77	17.96	18.34	19.54	19.92
22	13.28	14.48	13.23	14.43	14.81	16.00	16.38	17.58	18.77	19.15	20.35	20.73
23	14.10	15.29	14.05	15.24	15.62	16.82	17.20	18.39	19.59	19.97	21.16	21.54
24	14.91	16.10	14.86	16.05	16.43	17.63	18.01	19.20	20.40	20.78	21.97	22.36
25	15.72	16.92	15.67	16.87	17.25	18.44	18.82	20.02	21.21	21.59	22.79	23.17
26	16.53	17.73	16.48	17.68	18.06	19.25	19.64	20.83	22.02	22.41	23.60	23.98
27	17.35	18.54	17.30	18.49	18.87	20.07	20.45	21.64	22.84	23.22	0.41	0.79
28	18.16	19.35	18.11	19.30	19.69	20.88	21.26	22.46	23.65	0.03	1.23	1.61
29	18.97		18.92	20.12	20.50	21.69	22.07	23.27	0.46	0.84	2.04	2.42
30	19.78		19.74	20.93	21.31	22.50	22.89	0.08	1.27	1.66	2.85	3.23
31	20.60		20.55		22.12		23.70	0.89		2.47		4.04

TABLE 1 (CONTINUED) LUNAR PHASE MU

YEAR 1906

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	4.86	6.05	4.81	6.00	6.38	7.58	7.96	9.15	10.35	10.73	11.92	12.30
2	5.67	6.86	5.62	6.81	7.20	8.39	8.77	9.97	11.16	11.54	12.74	13.12
3	6.48	7.68	6.43	7.63	8.01	9.20	9.58	10.78	11.97	12.35	13.55	13.93
4	7.30	8.49	7.25	8.44	8.82	10.02	10.40	11.59	12.79	13.17	14.36	14.74
5	8.11	9.30	8.06	9.25	9.63	10.83	11.21	12.40	13.60	13.98	15.17	15.56
6	8.92	10.12	8.87	10.07	10.45	11.64	12.02	13.22	14.41	14.79	15.99	16.37
7	9.73	10.93	9.68	10.88	11.26	12.45	12.84	14.03	15.22	15.61	16.80	17.18
8	10.55	11.74	10.50	11.69	12.07	13.27	13.65	14.84	16.04	16.42	17.61	17.99
9	11.36	12.55	11.31	12.50	12.89	14.08	14.46	15.66	16.85	17.23	18.43	18.81
10	12.17	13.37	12.12	13.32	13.70	14.89	15.27	16.47	17.66	18.04	19.24	19.62
11	12.98	14.18	12.93	14.13	14.51	15.70	16.09	17.28	18.47	18.86	20.05	20.43
12	13.80	14.99	13.75	14.94	15.32	16.52	16.90	18.09	19.29	19.67	20.86	21.24
13	14.61	15.80	14.56	15.75	16.14	17.33	17.71	18.91	20.10	20.48	21.68	22.06
14	15.42	16.62	15.37	16.57	16.95	18.14	18.52	19.72	20.91	21.29	22.49	22.87
15	16.24	17.43	16.19	17.38	17.76	18.96	19.34	20.53	21.73	22.11	23.30	23.68
16	17.05	18.24	17.00	18.19	18.57	19.77	20.15	21.34	22.54	22.92	0.11	0.50
17	17.86	19.06	17.81	19.01	19.39	20.58	20.96	22.16	23.35	23.73	0.93	1.31
18	18.67	19.87	18.62	19.82	20.20	21.39	21.78	22.97	0.16	0.55	1.74	2.12
19	19.49	20.68	19.44	20.63	21.01	22.21	22.59	23.78	0.98	1.36	2.55	2.93
20	20.30	21.49	20.25	21.44	21.83	23.02	23.40	0.60	1.79	2.17	3.36	3.75
21	21.11	22.31	21.06	22.26	22.64	23.83	0.21	1.41	2.60	2.98	4.18	4.56
22	21.92	23.12	21.87	23.07	23.45	0.64	1.03	2.22	3.41	3.80	4.99	5.37
23	22.74	23.93	22.69	23.88	0.26	1.46	1.84	3.03	4.23	4.61	5.80	6.18
24	23.55	0.74	23.50	0.69	1.08	2.27	2.65	3.85	5.04	5.42	6.62	7.00
25	0.36	1.56	0.31	1.51	1.89	3.08	3.46	4.66	5.85	6.23	7.43	7.81
26	1.18	2.37	1.13	2.32	2.70	3.90	4.28	5.47	6.67	7.05	8.24	8.62
27	1.99	3.18	1.94	3.13	3.51	4.71	5.09	6.28	7.48	7.86	9.05	9.44
28	2.80	4.00	2.75	3.95	4.33	5.52	5.90	7.10	8.29	8.67	9.87	10.25
29	3.61		3.56	4.76	5.14	6.33	6.72	7.91	9.10	9.49	10.68	11.06
30	4.43		4.38	5.57	5.95	7.15	7.53	8.72	9.92	10.30	11.49	11.87
31	5.24		5.19		6.76		8.34	9.53		11.11		12.69

TABLE 1 (CONTINUED) LUNAR PHASE MU

YEAR 1907

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	13.50	14.69	13.45	14.64	15.03	16.22	16.60	17.79	18.99	19.37	20.56	20.95
2	14.31	15.51	14.26	15.46	15.84	17.03	17.41	18.61	19.80	20.18	21.38	21.76
3	15.12	16.32	15.07	16.27	16.65	17.84	18.23	19.42	20.61	21.00	22.19	22.57
4	15.94	17.13	15.89	17.08	17.46	18.66	19.04	20.23	21.43	21.81	23.00	23.38
5	16.75	17.94	16.70	17.89	18.28	19.47	19.85	21.05	22.24	22.62	23.82	0.20
6	17.56	18.76	17.51	18.71	19.09	20.28	20.66	21.86	23.05	23.43	0.63	1.01
7	18.38	19.57	18.33	19.52	19.90	21.10	21.48	22.67	23.87	0.25	1.44	1.82
8	19.19	20.38	19.14	20.33	20.71	21.91	22.29	23.48	0.68	1.06	2.25	2.64
9	20.00	21.20	19.95	21.15	21.53	22.72	23.10	0.30	1.49	1.87	3.07	3.45
10	20.81	22.01	20.76	21.96	22.34	23.53	23.92	1.11	2.30	2.69	3.88	4.26
11	21.63	22.82	21.58	22.77	23.15	0.35	0.73	1.92	3.12	3.50	4.69	5.07
12	22.44	23.63	22.39	23.58	23.96	1.16	1.54	2.73	3.93	4.31	5.50	5.89
13	23.25	0.45	23.20	0.40	0.78	1.97	2.35	3.55	4.74	5.12	6.32	6.70
14	0.06	1.26	0.01	1.21	1.59	2.78	3.17	4.36	5.55	5.94	7.13	7.51
15	0.88	2.07	0.83	2.02	2.40	3.60	3.98	5.17	6.37	6.75	7.94	8.32
16	1.69	2.88	1.64	2.83	3.22	4.41	4.79	5.99	7.18	7.56	8.76	9.14
17	2.50	3.70	2.45	3.65	4.03	5.22	5.60	6.80	7.99	8.37	9.57	9.95
18	3.32	4.51	3.27	4.46	4.84	6.04	6.42	7.61	8.81	9.19	10.38	10.76
19	4.13	5.32	4.08	5.27	5.65	6.85	7.23	8.42	9.62	10.00	11.19	11.58
20	4.94	6.13	4.89	6.09	6.47	7.66	8.04	9.24	10.43	10.81	12.01	12.39
21	5.75	6.95	5.70	6.90	7.28	8.47	8.86	10.05	11.24	11.63	12.82	13.20
22	6.57	7.76	6.52	7.71	8.09	9.29	9.67	10.86	12.06	12.44	13.63	14.01
23	7.38	8.57	7.33	8.52	8.90	10.10	10.48	11.67	12.87	13.25	14.44	14.83
24	8.19	9.39	8.14	9.34	9.72	10.91	11.29	12.49	13.68	14.06	15.26	15.64
25	9.00	10.20	8.95	10.15	10.53	11.72	12.11	13.30	14.49	14.88	16.07	16.45
26	9.82	11.01	9.77	10.96	11.34	12.54	12.92	14.11	15.31	15.69	16.88	17.26
27	10.63	11.82	10.58	11.77	12.16	13.35	13.73	14.93	16.12	16.50	17.70	18.08
28	11.44	12.64	11.39	12.59	12.97	14.16	14.54	15.74	16.93	17.31	18.51	18.89
29	12.26		12.21	13.40	13.78	14.98	15.36	16.55	17.75	18.13	19.32	19.70
30	13.07		13.02	14.21	14.59	15.79	16.17	17.36	18.56	18.94	20.13	20.52
31	13.88		13.83		15.41		16.98	18.18		19.75		21.33

TABLE 1 (CONTINUED) LUNAR PHASE NU

YEAR 1908

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	22.14	23.33	22.90	0.10	0.48	1.67	2.06	3.25	4.44	4.82	6.02	6.40
2	22.95	0.15	23.72	0.91	1.29	2.49	2.87	4.06	5.26	5.64	6.83	7.21
3	23.77	0.96	0.53	1.72	2.10	3.30	3.68	4.87	6.07	6.45	7.64	8.03
4	0.58	1.77	1.34	2.54	2.92	4.11	4.49	5.69	6.88	7.26	8.46	8.84
5	1.39	2.59	2.15	3.35	3.73	4.92	5.31	6.50	7.69	8.08	9.27	9.65
6	2.20	3.40	2.97	4.16	4.54	5.74	6.12	7.31	8.51	8.89	10.08	10.46
7	3.02	4.21	3.78	4.97	5.36	6.55	6.93	8.13	9.32	9.70	10.90	11.28
8	3.83	5.02	4.59	5.79	6.17	7.36	7.74	8.94	10.13	10.51	11.71	12.09
9	4.64	5.84	5.41	6.60	6.98	8.18	8.56	9.75	10.95	11.33	12.52	12.90
10	5.46	6.65	6.22	7.41	7.79	8.99	9.37	10.56	11.76	12.14	13.33	13.72
11	6.27	7.46	7.03	8.23	8.61	9.80	10.18	11.38	12.57	12.95	14.15	14.53
12	7.08	8.27	7.84	9.04	9.42	10.61	10.99	12.19	13.38	13.76	14.96	15.34
13	7.89	9.09	8.66	9.85	10.23	11.43	11.81	13.00	14.20	14.58	15.77	16.15
14	8.71	9.90	9.47	10.66	11.04	12.24	12.62	13.81	15.01	15.39	16.58	16.97
15	9.52	10.71	10.28	11.48	11.86	13.05	13.43	14.63	15.82	16.20	17.40	17.78
16	10.33	11.53	11.09	12.29	12.67	13.86	14.25	15.44	16.63	17.02	18.21	18.59
17	11.14	12.34	11.91	13.10	13.48	14.68	15.06	16.25	17.45	17.83	19.02	19.40
18	11.96	13.15	12.72	13.91	14.30	15.49	15.87	17.07	18.26	18.64	19.84	20.22
19	12.77	13.96	13.53	14.73	15.11	16.30	16.68	17.88	19.07	19.45	20.65	21.03
20	13.58	14.78	14.35	15.54	15.92	17.12	17.50	18.69	19.89	20.27	21.46	21.84
21	14.39	15.59	15.16	16.35	16.73	17.93	18.31	19.50	20.70	21.08	22.27	22.66
22	15.21	16.40	15.97	17.16	17.55	18.74	19.12	20.32	21.51	21.89	23.09	23.47
23	16.02	17.21	16.78	17.98	18.36	19.55	19.93	21.13	22.32	22.70	23.90	0.28
24	16.83	18.03	17.60	18.79	19.17	20.37	20.75	21.94	23.14	23.52	0.71	1.09
25	17.65	18.84	18.41	19.60	19.98	21.18	21.56	22.75	23.95	0.33	1.52	1.91
26	18.46	19.65	19.22	20.42	20.80	21.99	22.37	23.57	0.76	1.14	2.34	2.72
27	19.27	20.47	20.03	21.23	21.61	22.80	23.19	0.38	1.57	1.96	3.15	3.53
28	20.08	21.28	20.85	22.04	22.42	23.62	24.00	1.19	2.39	2.77	3.96	4.34
29	20.90	22.09	21.66	22.85	23.24	0.43	0.81	2.01	3.20	3.58	4.78	5.16
30	21.71		22.47	23.67	0.05	1.24	1.62	2.82	4.01	4.39	5.59	5.97
31	22.52		23.29		0.86		2.44	3.63		5.21		6.78

TABLE 1 (CONTINUED) LUNAR PHASE NU

YEAR 1909

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	7.59	8.79	7.55	8.74	9.12	10.32	10.70	11.89	13.09	13.47	14.66	15.04
2	8.41	9.60	8.36	9.55	9.93	11.13	11.51	12.70	13.90	14.28	15.47	15.85
3	9.22	10.41	9.17	10.36	10.75	11.94	12.32	13.52	14.71	15.09	16.29	16.67
4	10.03	11.23	9.98	11.18	11.56	12.75	13.13	14.33	15.52	15.90	17.10	17.48
5	10.85	12.04	10.80	11.99	12.37	13.57	13.95	15.14	16.34	16.72	17.91	18.29
6	11.66	12.85	11.61	12.80	13.18	14.38	14.76	15.95	17.15	17.53	18.72	19.11
7	12.47	13.67	12.42	13.62	14.00	15.19	15.57	16.77	17.96	18.34	19.54	19.92
8	13.28	14.48	13.23	14.43	14.81	16.00	16.39	17.58	18.77	19.16	20.35	20.73
9	14.10	15.29	14.05	15.24	15.62	16.82	17.20	18.39	19.59	19.97	21.16	21.54
10	14.91	16.10	14.86	16.05	16.44	17.63	18.01	19.21	20.40	20.78	21.98	22.36
11	15.72	16.92	15.67	16.87	17.25	18.44	18.82	20.02	21.21	21.59	22.79	23.17
12	16.53	17.73	16.49	17.68	18.06	19.25	19.64	20.83	22.02	22.41	23.60	23.98
13	17.35	18.54	17.30	18.49	18.87	20.07	20.45	21.64	22.84	23.22	0.41	0.79
14	18.16	19.35	18.11	19.30	19.69	20.88	21.26	22.46	23.65	0.03	1.23	1.61
15	18.97	20.17	18.92	20.12	20.50	21.69	22.07	23.27	0.46	0.84	2.04	2.42
16	19.79	20.98	19.74	20.93	21.31	22.51	22.89	0.08	1.28	1.66	2.85	3.23
17	20.60	21.79	20.55	21.74	22.12	23.32	23.70	0.89	2.09	2.47	3.66	4.05
18	21.41	22.61	21.34	22.56	22.94	0.13	0.51	1.71	2.90	3.28	4.48	4.86
19	22.22	23.42	22.17	23.37	23.75	0.94	1.33	2.52	3.71	4.10	5.29	5.67
20	23.04	0.23	22.99	0.18	0.56	1.76	2.14	3.33	4.53	4.91	6.10	6.48
21	23.85	1.04	23.80	0.99	1.38	2.57	2.95	4.15	5.34	5.72	6.92	7.30
22	0.66	1.86	0.61	1.81	2.19	3.38	3.76	4.96	6.15	6.53	7.73	8.11
23	1.47	2.67	1.42	2.62	3.00	4.19	4.58	5.77	6.96	7.35	8.54	8.92
24	2.29	3.48	2.24	3.43	3.81	5.01	5.39	6.58	7.78	8.16	9.35	9.73
25	3.10	4.29	3.05	4.24	4.63	5.82	6.20	7.40	8.59	8.97	10.17	10.55
26	3.91	5.11	3.86	5.06	5.44	6.63	7.01	8.21	9.40	9.78	10.98	11.36
27	4.73	5.92	4.68	5.87	6.25	7.45	7.83	9.02	10.22	10.60	11.79	12.17
28	5.54	6.73	5.49	6.68	7.06	8.26	8.64	9.83	11.03	11.41	12.60	12.99
29	6.35		6.30	7.50	7.88	9.07	9.45	10.65	11.84	12.22	13.42	13.80
30	7.16		7.11	8.31	8.69	9.88	10.27	11.46	12.65	13.04	14.23	14.61
31	7.98		7.93		9.30		11.08	12.27		13.85		15.42

TABLE 1 (CONTINUED) LUNAR PHASE MU

YEAR 1910

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	16.24	17.43	16.19	17.38	17.76	18.96	19.34	20.53	21.73	22.11	23.30	23.68
2	17.05	18.24	17.00	18.19	18.58	19.77	20.15	21.35	22.54	22.92	0.12	0.50
3	17.86	19.06	17.81	19.01	19.39	20.58	20.96	22.16	23.35	23.73	0.93	1.31
4	18.67	19.87	18.62	19.82	20.20	21.39	21.78	22.97	0.16	0.55	1.74	2.12
5	19.49	20.68	19.44	20.63	21.01	22.21	22.59	23.78	0.98	1.36	2.55	2.93
6	20.30	21.49	20.25	21.44	21.83	23.02	23.40	0.60	1.79	2.17	3.37	3.75
7	21.11	22.31	21.06	22.26	22.64	23.83	0.21	1.41	2.60	2.98	4.18	4.56
8	21.93	23.12	21.88	23.07	23.45	0.65	1.03	2.22	3.42	3.80	4.99	5.37
9	22.74	23.93	22.69	23.88	0.26	1.46	1.84	3.03	4.23	4.61	5.80	6.19
10	23.55	0.75	23.50	0.70	1.08	2.27	2.65	3.85	5.04	5.42	6.62	7.00
11	0.36	1.56	0.31	1.51	1.89	3.08	3.47	4.66	5.85	6.24	7.43	7.81
12	1.18	2.37	1.13	2.32	2.70	3.90	4.28	5.47	6.67	7.05	8.24	8.62
13	1.99	3.18	1.94	3.13	3.52	4.71	5.09	6.29	7.48	7.86	9.05	9.44
14	2.80	4.00	2.75	3.95	4.33	5.52	5.90	7.10	8.29	8.67	9.87	10.25
15	3.61	4.81	3.56	4.76	5.14	6.33	6.72	7.91	9.10	9.49	10.68	11.06
16	4.43	5.62	4.38	5.57	5.95	7.15	7.53	8.72	9.92	10.30	11.49	11.87
17	5.24	6.43	5.19	6.38	6.77	7.96	8.34	9.54	10.73	11.11	12.31	12.69
18	6.05	7.25	6.00	7.20	7.58	8.77	9.15	10.35	11.54	11.92	13.12	13.50
19	6.87	8.06	6.82	8.01	8.39	9.59	9.97	11.16	12.36	12.74	13.93	14.31
20	7.68	8.87	7.63	8.82	9.20	10.40	10.78	11.97	13.17	13.55	14.74	15.13
21	8.49	9.69	8.44	9.64	10.02	11.21	11.59	12.79	13.98	14.36	15.56	15.94
22	9.30	10.50	9.25	10.45	10.83	12.02	12.41	13.60	14.79	15.18	16.37	16.75
23	10.12	11.31	10.07	11.26	11.64	12.84	13.22	14.41	15.61	15.99	17.18	17.56
24	10.93	12.12	10.88	12.07	12.45	13.65	14.03	15.22	16.42	16.80	17.99	18.38
25	11.74	12.94	11.69	12.89	13.27	14.46	14.84	16.04	17.23	17.61	18.81	19.19
26	12.55	13.75	12.50	13.70	14.08	15.27	15.66	16.85	18.04	18.43	19.62	20.00
27	13.37	14.56	13.32	14.51	14.89	16.09	16.47	17.66	18.86	19.24	20.43	20.81
28	14.18	15.37	14.13	15.32	15.71	16.90	17.28	18.48	19.67	20.05	21.25	21.63
29	14.99		14.94	16.14	16.52	17.71	18.09	19.29	20.48	20.86	22.06	22.44
30	15.81		15.76	16.95	17.33	18.53	18.91	20.10	21.30	21.68	22.87	23.25
31	16.62		16.57		18.14		19.72	20.91		22.49		0.07

TABLE 1 (CONTINUED) LUNAR PHASE MU

YEAR 1911

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	0.88	2.07	0.83	2.02	2.40	3.60	3.98	5.17	6.37	6.75	7.94	8.33
2	1.69	2.88	1.64	2.84	3.22	4.41	4.79	5.99	7.18	7.56	8.76	9.14
3	2.50	3.70	2.45	3.65	4.03	5.22	5.61	6.80	7.99	8.38	9.57	9.95
4	3.32	4.51	3.27	4.46	4.84	6.04	6.42	7.61	8.81	9.19	10.38	10.76
5	4.13	5.32	4.08	5.27	5.65	6.85	7.23	8.42	9.62	10.00	11.19	11.58
6	4.94	6.14	4.89	6.09	6.47	7.66	8.04	9.24	10.43	10.81	12.01	12.39
7	5.75	6.95	5.70	6.90	7.28	8.47	8.86	10.05	11.24	11.63	12.82	13.20
8	6.57	7.76	6.52	7.71	8.09	9.29	9.67	10.86	12.06	12.44	13.63	14.01
9	7.38	8.57	7.33	8.52	8.91	10.10	10.48	11.68	12.87	13.25	14.45	14.83
10	8.19	9.39	8.14	9.34	9.72	10.91	11.29	12.49	13.68	14.06	15.26	15.64
11	9.01	10.20	8.96	10.15	10.53	11.73	12.11	13.30	14.50	14.88	16.07	16.45
12	9.82	11.01	9.77	10.96	11.34	12.54	12.92	14.11	15.31	15.69	16.88	17.27
13	10.63	11.82	10.58	11.78	12.16	13.35	13.73	14.93	16.12	16.50	17.70	18.08
14	11.44	12.64	11.39	12.59	12.97	14.16	14.55	15.74	16.93	17.32	18.51	18.89
15	12.26	13.45	12.21	13.40	13.78	14.98	15.36	16.55	17.75	18.13	19.32	19.70
16	13.07	14.26	13.02	14.21	14.59	15.79	16.17	17.36	18.56	18.94	20.13	20.52
17	13.88	15.08	13.83	15.03	15.41	16.60	16.98	18.18	19.37	19.75	20.95	21.33
18	14.69	15.89	14.64	15.84	16.22	17.41	17.80	18.99	20.18	20.57	21.76	22.14
19	15.51	16.70	15.46	16.65	17.03	18.23	18.61	19.80	21.00	21.38	22.57	22.95
20	16.32	17.51	16.27	17.46	17.85	19.04	19.42	20.62	21.81	22.19	23.39	23.77
21	17.13	18.33	17.08	18.28	18.66	19.85	20.23	21.43	22.62	23.00	0.20	0.58
22	17.95	19.14	17.90	19.09	19.47	20.67	21.05	22.24	23.44	23.82	1.01	1.39
23	18.76	19.95	18.71	19.90	20.28	21.48	21.86	23.05	0.25	0.63	1.82	2.21
24	19.57	20.76	19.52	20.72	21.10	22.29	22.67	23.87	1.06	1.44	2.64	3.02
25	20.38	21.58	20.33	21.53	21.91	23.10	23.48	0.68	1.87	2.25	3.45	3.83
26	21.20	22.39	21.15	22.34	22.72	23.92	0.30	1.49	2.69	3.07	4.26	4.64
27	22.01	23.20	21.96	23.15	23.53	0.73	1.11	2.30	3.50	3.88	5.07	5.46
28	22.82	0.02	22.77	23.97	0.35	1.54	1.92	3.12	4.31	4.69	5.89	6.27
29	23.63		23.58	0.78	1.16	2.35	2.74	3.93	5.12	5.51	6.70	7.08
30	0.45		0.40	1.59	1.97	3.17	3.55	4.74	5.94	6.32	7.51	7.89
31	1.26		1.21		2.79		4.36	5.56		7.13		8.71

TABLE 1 (CONTINUED) LUNAR PHASE NU

YEAR 1912

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	9.52	10.71	10.28	11.48	11.86	13.05	13.43	14.63	15.82	16.20	17.40	17.78
2	10.33	11.53	11.10	12.29	12.67	13.87	14.25	15.44	16.64	17.02	18.21	18.59
3	11.15	12.34	11.91	13.10	13.48	14.68	15.06	16.25	17.45	17.83	19.02	19.41
4	11.96	13.15	12.72	13.91	14.30	15.49	15.87	17.07	18.26	18.64	19.84	20.22
5	12.77	13.96	13.53	14.73	15.11	16.30	16.68	17.88	19.07	19.45	20.65	21.03
6	13.58	14.78	14.35	15.54	15.92	17.12	17.50	18.69	19.89	20.27	21.46	21.84
7	14.40	15.59	15.16	16.35	16.73	17.93	18.31	19.50	20.70	21.08	22.27	22.66
8	15.21	16.40	15.97	17.17	17.55	18.74	19.12	20.32	21.51	21.89	23.09	23.47
9	16.02	17.22	16.78	17.98	18.36	19.55	19.94	21.13	22.32	22.71	23.90	0.28
10	16.83	18.03	17.60	18.79	19.17	20.37	20.75	21.94	23.14	23.52	0.71	1.09
11	17.65	18.84	18.41	19.60	19.99	21.18	21.56	22.76	23.95	0.33	1.53	1.91
12	18.46	19.65	19.22	20.42	20.80	21.99	22.37	23.57	0.76	1.14	2.34	2.72
13	19.27	20.47	20.04	21.23	21.61	22.81	23.19	0.38	1.58	1.96	3.15	3.53
14	20.08	21.28	20.85	22.04	22.42	23.62	24.00	1.19	2.39	2.77	3.96	4.35
15	20.90	22.09	21.66	22.85	23.24	0.43	0.81	2.01	3.20	3.58	4.78	5.16
16	21.71	22.90	22.47	23.67	0.05	1.24	1.62	2.82	4.01	4.39	5.59	5.97
17	22.52	23.72	23.29	0.48	0.86	2.06	2.44	3.63	4.83	5.21	6.40	6.78
18	23.34	0.53	0.10	1.29	1.67	2.87	3.25	4.44	5.64	6.02	7.21	7.60
19	0.15	1.34	0.91	2.11	2.49	3.68	4.06	5.26	6.45	6.83	8.03	8.41
20	0.96	2.16	1.72	2.92	3.30	4.49	4.88	6.07	7.26	7.65	8.84	9.22
21	1.77	2.97	2.54	3.73	4.11	5.31	5.69	6.88	8.08	8.46	9.65	10.03
22	2.59	3.78	3.35	4.54	4.93	6.12	6.50	7.70	8.89	9.27	10.47	10.85
23	3.40	4.59	4.16	5.36	5.74	6.93	7.31	8.51	9.70	10.08	11.28	11.66
24	4.21	5.41	4.98	6.17	6.55	7.75	8.13	9.32	10.51	10.90	12.09	12.47
25	5.02	6.22	5.79	6.98	7.36	8.56	8.94	10.13	11.33	11.71	12.90	13.28
26	5.84	7.03	6.60	7.79	8.18	9.37	9.75	10.95	12.14	12.52	13.72	14.10
27	6.65	7.84	7.41	8.61	8.99	10.18	10.56	11.76	12.95	13.33	14.53	14.91
28	7.46	8.66	8.23	9.42	9.80	11.00	11.38	12.57	13.77	14.15	15.34	15.72
29	8.28	9.47	9.04	10.23	10.61	11.81	12.19	13.38	14.58	14.96	16.15	16.54
30	9.09		9.65	11.05	11.43	12.62	13.00	14.20	15.39	15.77	16.97	17.35
31	9.90		10.66		12.24		13.82	15.01		16.59		18.16

TABLE 1 (CONTINUED) LUNAR PHASE NU

YEAR 1913

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	18.97	20.17	18.92	20.12	20.50	21.69	22.08	23.27	0.46	0.85	2.04	2.42
2	19.79	20.98	19.74	20.93	21.31	22.51	22.89	0.08	1.28	1.66	2.85	3.23
3	20.60	21.79	20.55	21.74	22.13	23.32	23.70	0.90	2.09	2.47	3.67	4.05
4	21.41	22.61	21.36	22.56	22.94	0.13	0.51	1.71	2.90	3.28	4.48	4.86
5	22.22	23.42	22.18	23.37	23.75	0.94	1.33	2.52	3.71	4.10	5.29	5.67
6	23.04	0.23	22.99	0.18	0.56	1.76	2.14	3.33	4.53	4.91	6.10	6.48
7	23.85	1.04	23.80	0.99	1.38	2.57	2.95	4.15	5.34	5.72	6.92	7.30
8	0.66	1.86	0.61	1.81	2.19	3.38	3.76	4.96	6.15	6.53	7.73	8.11
9	1.48	2.67	1.43	2.62	3.00	4.20	4.58	5.77	6.97	7.35	8.54	8.92
10	2.29	3.48	2.24	3.43	3.81	5.01	5.39	6.58	7.78	8.16	9.35	9.74
11	3.10	4.30	3.05	4.25	4.63	5.82	6.20	7.40	8.59	8.97	10.17	10.55
12	3.91	5.11	3.86	5.06	5.44	6.63	7.02	8.21	9.40	9.79	10.98	11.36
13	4.73	5.92	4.68	5.87	6.25	7.45	7.83	9.02	10.22	10.60	11.79	12.17
14	5.54	6.73	5.49	6.68	7.07	8.26	8.64	9.84	11.03	11.41	12.61	12.99
15	6.35	7.55	6.30	7.50	7.88	9.07	9.45	10.65	11.84	12.22	13.42	13.80
16	7.16	8.36	7.11	8.31	8.69	9.88	10.27	11.46	12.65	13.04	14.23	14.61
17	7.98	9.17	7.93	9.12	9.50	10.70	11.08	12.27	13.47	13.85	15.04	15.42
18	8.79	9.98	8.74	9.93	10.32	11.51	11.89	13.09	14.28	14.66	15.86	16.24
19	9.60	10.80	9.55	10.75	11.13	12.32	12.70	13.90	15.09	15.47	16.67	17.05
20	10.42	11.61	10.37	11.56	11.94	13.14	13.52	14.71	15.91	16.29	17.48	17.86
21	11.23	12.42	11.18	12.37	12.75	13.95	14.33	15.52	16.72	17.10	18.29	18.68
22	12.04	13.24	11.99	13.19	13.57	14.76	15.14	16.34	17.53	17.91	19.11	19.49
23	12.85	14.05	12.80	14.00	14.38	15.57	15.96	17.15	18.34	18.73	19.92	20.30
24	13.67	14.86	13.62	14.81	15.19	16.39	16.77	17.96	19.16	19.54	20.73	21.11
25	14.48	15.67	14.43	15.62	16.01	17.20	17.58	18.77	19.97	20.35	21.54	21.93
26	15.29	16.49	15.24	16.44	16.82	18.01	18.39	19.59	20.78	21.16	22.36	22.74
27	16.10	17.30	16.05	17.25	17.63	18.82	19.21	20.40	21.59	21.98	23.17	23.55
28	16.92	18.11	16.87	18.06	18.44	19.64	20.02	21.21	22.41	22.79	23.98	0.36
29	17.73		17.68	18.87	19.26	20.45	20.83	22.03	23.22	23.60	0.80	1.18
30	18.54		18.49	19.69	20.07	21.26	21.64	22.84	0.03	0.41	1.61	1.99
31	19.36		19.31		20.88		22.46	23.65		1.23		2.80

TABLE 1 (CONTINUED) LUNAR PHASE MU

YEAR 1914

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	3.62	4.81	3.57	4.76	5.14	6.34	6.72	7.91	9.11	9.49	10.68	11.06
2	4.43	5.62	4.38	5.57	5.95	7.15	7.53	8.72	9.92	10.30	11.49	11.88
3	5.24	6.44	5.19	6.39	6.77	7.96	8.34	9.54	10.73	11.11	12.31	12.69
4	6.05	7.25	6.00	7.20	7.58	8.77	9.16	10.35	11.54	11.93	13.12	13.50
5	6.87	8.06	6.82	8.01	8.39	9.59	9.97	11.16	12.36	12.74	13.93	14.31
6	7.68	8.87	7.63	8.82	9.21	10.40	10.78	11.97	13.17	13.55	14.74	15.13
7	8.49	9.69	8.44	9.64	10.02	11.21	11.59	12.79	13.98	14.36	15.56	15.94
8	9.30	10.50	9.25	10.45	10.83	12.02	12.41	13.60	14.79	15.18	16.37	16.75
9	10.12	11.31	10.07	11.26	11.64	12.84	13.22	14.41	15.61	15.99	17.18	17.56
10	10.93	12.12	10.88	12.07	12.46	13.65	14.03	15.23	16.42	16.80	18.00	18.38
11	11.74	12.94	11.69	12.89	13.27	14.46	14.84	16.04	17.23	17.61	18.81	19.19
12	12.56	13.75	12.51	13.70	14.08	15.28	15.66	16.85	18.05	18.43	19.62	20.00
13	13.37	14.56	13.32	14.51	14.89	16.09	16.47	17.66	18.86	19.24	20.43	20.82
14	14.18	15.37	14.13	15.33	15.71	16.90	17.28	18.48	19.67	20.05	21.25	21.63
15	14.99	16.19	14.94	16.14	16.52	17.71	18.10	19.29	20.48	20.87	22.06	22.44
16	15.81	17.00	15.76	16.95	17.33	18.53	18.91	20.10	21.30	21.68	22.87	23.25
17	16.62	17.81	16.57	17.76	18.14	19.34	19.72	20.91	22.11	22.49	23.68	0.07
18	17.43	18.63	17.38	18.58	18.96	20.15	20.53	21.73	22.92	23.30	0.50	0.88
19	18.24	19.44	18.19	19.39	19.77	20.96	21.35	22.54	23.73	0.12	1.31	1.69
20	19.06	20.25	19.01	20.20	20.58	21.78	22.16	23.35	0.55	0.93	2.12	2.50
21	19.87	21.06	19.82	21.01	21.40	22.59	22.97	0.17	1.36	1.74	2.94	3.32
22	20.68	21.88	20.63	21.83	22.21	23.40	23.78	0.98	2.17	2.55	3.75	4.13
23	21.50	22.69	21.45	22.64	23.02	0.22	0.60	1.79	2.99	3.37	4.56	4.94
24	22.31	23.50	22.26	23.45	23.83	1.03	1.41	2.60	3.80	4.18	5.37	5.76
25	23.12	0.31	23.07	0.27	0.65	1.84	2.22	3.42	4.61	4.99	6.19	6.57
26	23.93	1.13	23.88	1.08	1.46	2.65	3.04	4.23	5.42	5.81	7.00	7.38
27	0.75	1.94	0.70	1.89	2.27	3.47	3.85	5.04	6.24	6.62	7.81	8.19
28	1.56	2.75	1.51	2.70	3.08	4.28	4.66	5.85	7.05	7.43	8.62	9.01
29	2.37		2.32	3.52	3.90	5.09	5.47	6.67	7.86	8.24	9.44	9.82
30	3.18		3.13	4.33	4.71	5.90	6.29	7.48	8.67	9.06	10.25	10.63
31	4.00		3.95		5.52		7.10	8.29		9.87		11.44

TABLE 1 (CONTINUED) LUNAR PHASE MU

YEAR 1915

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	12.26	13.45	12.21	13.40	13.78	14.98	15.36	16.55	17.75	18.13	19.32	19.70
2	13.07	14.26	13.02	14.21	14.60	15.79	16.17	17.37	18.56	18.94	20.14	20.52
3	13.88	15.08	13.83	15.03	15.41	16.60	16.98	18.18	19.37	19.75	20.95	21.33
4	14.70	15.89	14.65	15.84	16.22	17.42	17.80	18.99	20.19	20.57	21.76	22.14
5	15.51	16.70	15.46	16.65	17.03	18.23	18.61	19.80	21.00	21.38	22.57	22.96
6	16.32	17.51	16.27	17.47	17.85	19.04	19.42	20.62	21.81	22.19	23.39	23.77
7	17.13	18.33	17.08	18.28	18.66	19.85	20.24	21.43	22.62	23.00	0.20	0.58
8	17.95	19.14	17.90	19.09	19.47	20.67	21.05	22.24	23.44	23.82	1.01	1.39
9	18.76	19.95	18.71	19.90	20.28	21.48	21.86	23.05	0.25	0.63	1.82	2.21
10	19.57	20.77	19.52	20.72	21.10	22.29	22.67	23.87	1.06	1.44	2.64	3.02
11	20.38	21.58	20.33	21.53	21.91	23.10	23.49	0.68	1.87	2.26	3.45	3.83
12	21.20	22.39	21.15	22.34	22.72	23.92	0.30	1.49	2.69	3.07	4.26	4.64
13	22.01	23.20	21.96	23.15	23.54	0.73	1.11	2.31	3.50	3.88	5.08	5.46
14	22.82	0.02	22.77	23.97	0.35	1.54	1.92	3.12	4.31	4.69	5.89	6.27
15	23.64	0.83	23.59	0.78	1.16	2.36	2.74	3.93	5.13	5.51	6.70	7.08
16	0.45	1.64	0.40	1.59	1.97	3.17	3.55	4.74	5.94	6.32	7.51	7.90
17	1.26	2.45	1.21	2.41	2.79	3.98	4.36	5.56	6.75	7.13	8.33	8.71
18	2.07	3.27	2.02	3.22	3.60	4.79	5.17	6.37	7.56	7.94	9.14	9.52
19	2.89	4.08	2.84	4.03	4.41	5.61	5.99	7.18	8.38	8.76	9.95	10.33
20	3.70	4.89	3.65	4.84	5.22	6.42	6.80	7.99	9.19	9.57	10.76	11.15
21	4.51	5.71	4.46	5.66	6.04	7.23	7.61	8.81	10.00	10.38	11.58	11.96
22	5.32	6.52	5.27	6.47	6.85	8.04	8.43	9.62	10.81	11.20	12.39	12.77
23	6.14	7.33	6.09	7.28	7.66	8.86	9.24	10.43	11.63	12.01	13.20	13.58
24	6.95	8.14	6.90	8.09	8.48	9.67	10.05	11.25	12.44	12.82	14.02	14.40
25	7.76	8.96	7.71	8.91	9.29	10.48	10.86	12.06	13.25	13.63	14.83	15.21
26	8.57	9.77	8.53	9.72	10.10	11.30	11.68	12.87	14.07	14.45	15.64	16.02
27	9.39	10.58	9.34	10.53	10.91	12.11	12.49	13.68	14.88	15.26	16.45	16.84
28	10.20	11.39	10.15	11.34	11.73	12.92	13.30	14.50	15.69	16.07	17.27	17.65
29	11.01		10.96	12.16	12.54	13.73	14.11	15.31	16.50	16.88	18.08	18.46
30	11.83		11.78	12.97	13.35	14.55	14.93	16.12	17.32	17.70	18.89	19.27
31	12.64		12.59		14.16		15.74	16.93		18.51		20.09

TABLE 1 (CONTINUED) LUNAR PHASE NU

YEAR 1916

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	20.90	22.09	21.66	22.86	23.24	0.43	0.81	2.01	3.20	3.58	4.78	5.16
2	21.71	22.91	22.47	23.67	0.05	1.24	1.63	2.82	4.01	4.40	5.59	5.97
3	22.52	23.72	23.29	0.48	0.86	2.06	2.44	3.63	4.83	5.21	6.40	6.78
4	23.34	0.53	0.10	1.29	1.68	2.87	3.25	4.45	5.64	6.02	7.22	7.60
5	0.15	1.34	0.91	2.11	2.49	3.68	4.06	5.26	6.45	6.83	8.03	8.41
6	0.96	2.16	1.73	2.92	3.30	4.50	4.88	6.07	7.27	7.65	8.84	9.22
7	1.77	2.97	2.54	3.73	4.11	5.31	5.69	6.88	8.08	8.46	9.65	10.03
8	2.59	3.78	3.35	4.54	4.93	6.12	6.50	7.70	8.89	9.27	10.47	10.85
9	3.40	4.59	4.16	5.36	5.74	6.93	7.31	8.51	9.70	10.08	11.28	11.66
10	4.21	5.41	4.98	6.17	6.55	7.75	8.13	9.32	10.52	10.90	12.09	12.47
11	5.03	6.22	5.79	6.98	7.36	8.56	8.94	10.13	11.33	11.71	12.90	13.29
12	5.84	7.03	6.60	7.80	8.18	9.37	9.75	10.95	12.14	12.52	13.72	14.10
13	6.65	7.85	7.41	8.61	8.99	10.18	10.57	11.76	12.95	13.34	14.53	14.91
14	7.46	8.66	8.23	9.42	9.80	11.00	11.38	12.57	13.77	14.15	15.34	15.72
15	8.28	9.47	9.04	10.23	10.62	11.81	12.19	13.39	14.58	14.96	16.16	16.54
16	9.09	10.28	9.85	11.05	11.43	12.62	13.00	14.20	15.39	15.77	16.97	17.35
17	9.90	11.10	10.67	11.86	12.24	13.44	13.82	15.01	16.20	16.59	17.78	18.16
18	10.71	11.91	11.48	12.67	13.05	14.25	14.63	15.82	17.02	17.40	18.59	18.97
19	11.53	12.72	12.29	13.48	13.87	15.06	15.44	16.64	17.83	18.21	19.41	19.79
20	12.34	13.53	13.10	14.30	14.68	15.87	16.25	17.45	18.64	19.02	20.22	20.60
21	13.15	14.35	13.92	15.11	15.49	16.69	17.07	18.26	19.46	19.84	21.03	21.41
22	13.97	15.16	14.73	15.92	16.30	17.50	17.88	19.07	20.27	20.65	21.84	22.23
23	14.78	15.97	15.54	16.74	17.12	18.31	18.69	19.89	21.08	21.46	22.66	23.04
24	15.59	16.79	16.35	17.55	17.93	19.12	19.51	20.70	21.89	22.28	23.47	23.85
25	16.40	17.60	17.17	18.36	18.74	19.94	20.32	21.51	22.71	23.09	0.28	0.66
26	17.22	18.41	17.98	19.17	19.56	20.75	21.13	22.33	23.52	23.90	1.10	1.48
27	18.03	19.22	18.79	19.99	20.37	21.56	21.94	23.14	0.33	0.71	1.91	2.29
28	18.84	20.04	19.60	20.80	21.18	22.37	22.76	23.95	1.14	1.53	2.72	3.10
29	19.65	20.85	20.42	21.61	21.99	23.19	23.57	0.76	1.96	2.34	3.53	3.91
30	20.47		21.23	22.42	22.81	0.00	0.38	1.58	2.77	3.15	4.35	4.73
31	21.28		22.04		23.62		1.19	2.39		3.96		5.54

TABLE 1 (CONTINUED) LUNAR PHASE NU

YEAR 1917

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	6.35	7.55	6.30	7.50	7.88	9.07	9.45	10.65	11.84	12.22	13.42	13.80
2	7.17	8.36	7.12	8.31	8.69	9.89	10.27	11.46	12.66	13.04	14.23	14.61
3	7.98	9.17	7.93	9.12	9.50	10.70	11.08	12.27	13.47	13.85	15.04	15.43
4	8.79	9.99	8.74	9.94	10.32	11.51	11.89	13.09	14.28	14.66	15.86	16.24
5	9.60	10.80	9.55	10.75	11.13	12.32	12.71	13.90	15.09	15.48	16.67	17.05
6	10.42	11.61	10.37	11.56	11.94	13.14	13.52	14.71	15.91	16.29	17.48	17.86
7	11.23	12.42	11.18	12.37	12.76	13.95	14.33	15.53	16.72	17.10	18.30	18.68
8	12.04	13.24	11.99	13.19	13.57	14.76	15.14	16.34	17.53	17.91	19.11	19.49
9	12.85	14.05	12.80	14.00	14.38	15.57	15.96	17.15	18.34	18.73	19.92	20.30
10	13.67	14.86	13.62	14.81	15.19	16.39	16.77	17.96	19.16	19.54	20.73	21.11
11	14.48	15.67	14.43	15.62	16.01	17.20	17.58	18.78	19.97	20.35	21.55	21.93
12	15.29	16.49	15.24	16.44	16.82	18.01	18.39	19.59	20.78	21.16	22.36	22.74
13	16.11	17.30	16.06	17.25	17.63	18.83	19.21	20.40	21.60	21.98	23.17	23.55
14	16.92	18.11	16.87	18.06	18.44	19.64	20.02	21.21	22.41	22.79	23.98	0.37
15	17.73	18.93	17.68	18.88	19.26	20.45	20.83	22.03	23.22	23.60	0.80	1.18
16	18.54	19.74	18.49	19.69	20.07	21.26	21.65	22.84	0.03	0.42	1.61	1.99
17	19.36	20.55	19.31	20.50	20.88	22.08	22.46	23.65	0.85	1.23	2.42	2.80
18	20.17	21.36	20.12	21.31	21.70	22.89	23.27	0.47	1.66	2.04	3.23	3.62
19	20.98	22.18	20.93	22.13	22.51	23.70	0.08	1.28	2.47	2.85	4.05	4.43
20	21.79	22.99	21.74	22.94	23.32	0.51	0.90	2.09	3.28	3.67	4.86	5.24
21	22.61	23.80	22.56	23.75	0.13	1.33	1.71	2.90	4.10	4.48	5.67	6.05
22	23.42	0.61	23.37	0.56	0.95	2.14	2.52	3.72	4.91	5.29	6.49	6.87
23	0.23	1.43	0.18	1.38	1.76	2.95	3.33	4.53	5.72	6.10	7.30	7.68
24	1.05	2.24	1.00	2.19	2.57	3.77	4.15	5.34	6.54	6.92	8.11	8.49
25	1.86	3.05	1.81	3.00	3.38	4.58	4.96	6.15	7.35	7.73	8.92	9.31
26	2.67	3.87	2.62	3.82	4.20	5.39	5.77	6.97	8.16	8.54	9.74	10.12
27	3.48	4.68	3.43	4.63	5.01	6.20	6.59	7.78	8.97	9.36	10.55	10.93
28	4.30	5.49	4.25	5.44	5.82	7.02	7.40	8.59	9.79	10.17	11.36	11.74
29	5.11		5.06	6.25	6.63	7.83	8.21	9.40	10.60	10.98	12.17	12.56
30	5.92		5.87	7.07	7.45	8.64	9.02	10.22	11.41	11.79	12.99	13.37
31	6.73		6.68		8.26		9.84	11.03		12.61		14.18

TABLE 1 (CONTINUED) LUNAR PHASE MU

YEAR 1918

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	14.99	16.19	14.94	16.14	16.52	17.71	18.10	19.29	20.48	20.87	22.06	22.44
2	15.81	17.00	15.76	16.95	17.33	18.53	18.91	20.10	21.30	21.68	22.87	23.25
3	16.62	17.81	16.57	17.76	18.15	19.34	19.72	20.92	22.11	22.49	23.69	0.07
4	17.43	18.63	17.38	18.58	18.96	20.15	20.53	21.73	22.92	23.30	0.50	0.88
5	18.25	19.44	18.20	19.39	19.77	20.97	21.35	22.54	23.74	0.12	1.31	1.69
6	19.06	20.25	19.01	20.20	20.58	21.78	22.16	23.35	0.55	0.93	2.12	2.51
7	19.87	21.06	19.82	21.02	21.40	22.59	22.97	0.17	1.36	1.74	2.94	3.32
8	20.68	21.88	20.63	21.83	22.21	23.40	23.79	0.98	2.17	2.56	3.75	4.13
9	21.50	22.69	21.45	22.64	23.02	0.22	0.60	1.79	2.99	3.37	4.56	4.94
10	22.31	23.50	22.26	23.45	23.83	1.03	1.41	2.60	3.80	4.18	5.37	5.76
11	23.12	0.32	23.07	0.27	0.65	1.84	2.22	3.42	4.61	4.99	6.19	6.57
12	23.93	1.13	23.88	1.08	1.46	2.65	3.04	4.23	5.42	5.81	7.00	7.38
13	0.75	1.34	0.70	1.49	2.27	3.47	3.85	5.04	6.24	6.62	7.81	8.19
14	1.56	2.75	1.51	2.70	3.09	4.28	4.66	5.86	7.05	7.43	8.63	9.01
15	2.37	3.57	2.32	3.52	3.90	5.09	5.47	6.67	7.86	8.24	9.44	9.82
16	3.19	4.36	3.14	4.33	4.71	5.91	6.29	7.48	8.68	9.06	10.25	10.63
17	4.00	5.19	3.95	5.14	5.52	6.72	7.10	8.29	9.49	9.87	11.06	11.45
18	4.81	6.00	4.76	5.96	6.34	7.53	7.91	9.11	10.30	10.68	11.88	12.26
19	5.62	6.82	5.57	6.77	7.15	8.34	8.73	9.92	11.11	11.49	12.69	13.07
20	6.44	7.63	6.39	7.58	7.96	9.16	9.54	10.73	11.93	12.31	13.50	13.88
21	7.25	8.44	7.20	8.39	8.77	9.97	10.35	11.54	12.74	13.12	14.31	14.70
22	8.06	9.26	8.01	9.21	9.59	10.78	11.16	12.36	13.55	13.93	15.13	15.51
23	8.87	10.07	8.82	10.02	10.40	11.59	11.98	13.17	14.36	14.75	15.94	16.32
24	9.69	10.88	9.64	10.83	11.21	12.41	12.79	13.98	15.18	15.56	16.75	17.13
25	10.50	11.69	10.45	11.64	12.03	13.22	13.60	14.80	15.99	16.37	17.57	17.95
26	11.31	12.51	11.26	12.46	12.84	14.03	14.41	15.61	16.80	17.18	18.38	18.76
27	12.13	13.32	12.08	13.27	13.65	14.85	15.23	16.42	17.62	18.00	19.19	19.57
28	12.94	14.13	12.89	14.08	14.46	15.66	16.04	17.23	18.43	18.81	20.00	20.39
29	13.75		13.70	14.90	15.28	16.47	16.85	18.05	19.24	19.62	20.82	21.20
30	14.56		14.51	15.71	16.09	17.28	17.66	18.86	20.05	20.43	21.63	22.01
31	15.38		15.33		16.90		18.48	19.67		21.25		22.82

TABLE 1 (CONTINUED) LUNAR PHASE MU

YEAR 1919

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	23.64	0.83	23.59	0.78	1.16	2.36	2.74	3.93	5.13	5.51	6.70	7.08
2	0.45	1.64	0.40	1.59	1.97	3.17	3.55	4.74	5.94	6.32	7.51	7.90
3	1.26	2.46	1.21	2.41	2.79	3.98	4.36	5.56	6.75	7.13	8.33	8.71
4	2.07	3.27	2.02	3.22	3.60	4.79	5.18	6.37	7.56	7.95	9.14	9.52
5	2.89	4.08	2.84	4.03	4.41	5.61	5.99	7.18	8.38	8.76	9.95	10.33
6	3.70	4.89	3.65	4.84	5.23	6.42	6.80	8.00	9.19	9.57	10.77	11.15
7	4.51	5.71	4.46	5.66	6.04	7.23	7.61	8.81	10.00	10.38	11.58	11.96
8	5.33	6.52	5.28	6.47	6.85	8.05	8.43	9.62	10.82	11.20	12.39	12.77
9	6.14	7.33	6.09	7.28	7.66	8.86	9.24	10.43	11.63	12.01	13.20	13.59
10	6.95	8.14	6.90	8.09	8.48	9.67	10.05	11.25	12.44	12.82	14.02	14.40
11	7.76	8.96	7.71	8.91	9.29	10.48	10.86	12.06	13.25	13.63	14.83	15.21
12	8.58	9.77	8.53	9.72	10.10	11.30	11.68	12.87	14.07	14.45	15.64	16.02
13	9.39	10.58	9.34	10.53	10.91	12.11	12.49	13.68	14.88	15.26	16.45	16.84
14	10.20	11.40	10.15	11.35	11.73	12.92	13.30	14.50	15.69	16.07	17.27	17.65
15	11.01	12.21	10.96	12.16	12.54	13.73	14.12	15.31	16.50	16.89	18.08	18.46
16	11.83	13.02	11.78	12.97	13.35	14.55	14.93	16.12	17.32	17.70	18.89	19.27
17	12.64	13.83	12.59	13.78	14.17	15.36	15.74	16.94	18.13	18.51	19.71	20.09
18	13.45	14.65	13.40	14.60	14.98	16.17	16.55	17.75	18.94	19.32	20.52	20.90
19	14.26	15.46	14.22	15.41	15.79	16.99	17.37	18.56	19.76	20.14	21.33	21.71
20	15.08	16.27	15.03	16.22	16.60	17.80	18.18	19.37	20.57	20.95	22.14	22.52
21	15.89	17.08	15.84	17.03	17.42	18.61	18.99	20.19	21.38	21.76	22.96	23.34
22	16.70	17.90	16.65	17.85	18.23	19.42	19.80	21.00	22.19	22.57	23.77	0.15
23	17.52	18.71	17.47	18.66	19.04	20.24	20.62	21.81	23.01	23.39	0.58	0.96
24	18.33	19.52	18.28	19.47	19.85	21.05	21.43	22.62	23.82	0.20	1.39	1.78
25	19.14	20.34	19.09	20.29	20.67	21.86	22.24	23.44	0.63	1.01	2.21	2.59
26	19.95	21.15	19.90	21.10	21.48	22.67	23.06	0.25	1.44	1.83	3.02	3.40
27	20.77	21.96	20.72	21.91	22.29	23.49	23.87	1.06	2.26	2.64	3.83	4.21
28	21.58	22.77	21.53	22.72	23.11	0.30	0.68	1.88	3.07	3.45	4.65	5.03
29	22.39		22.34	23.54	23.92	1.11	1.49	2.69	3.88	4.26	5.46	5.84
30	23.20		23.16	0.35	0.73	1.93	2.31	3.50	4.69	5.08	6.27	6.65
31	0.02		23.97		1.54		3.12	4.31		5.89		7.46

TABLE 1 (CONTINUED) LUNAR PHASE NU

YEAR 1920

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	8.28	9.47	9.04	10.23	10.62	11.81	12.19	13.39	14.58	14.96	16.16	16.54
2	9.09	10.28	9.85	11.05	11.43	12.62	13.00	14.20	15.39	15.77	16.97	17.35
3	9.90	11.10	10.67	11.86	12.24	13.44	13.82	15.01	16.21	16.59	17.78	18.16
4	10.72	11.91	11.48	12.67	13.05	14.25	14.63	15.82	17.02	17.40	18.59	18.98
5	11.53	12.72	12.29	13.49	13.87	15.06	15.44	16.64	17.83	18.21	19.41	19.79
6	12.34	13.54	13.10	14.30	14.68	15.87	16.26	17.45	18.64	19.03	20.22	20.60
7	13.15	14.35	13.92	15.11	15.49	16.69	17.07	18.26	19.46	19.84	21.03	21.41
8	13.97	15.16	14.73	15.92	16.31	17.50	17.88	19.08	20.27	20.65	21.85	22.23
9	14.78	15.97	15.54	16.74	17.12	18.31	18.69	19.89	21.08	21.46	22.66	23.04
10	15.59	16.79	16.36	17.55	17.93	19.12	19.51	20.70	21.89	22.28	23.47	23.85
11	16.40	17.60	17.17	18.36	18.74	19.94	20.32	21.51	22.71	23.09	0.28	0.66
12	17.22	18.41	17.98	19.17	19.56	20.75	21.13	22.33	23.52	23.90	1.10	1.48
13	18.03	19.22	18.79	19.99	20.37	21.56	21.94	23.14	0.33	0.71	1.91	2.29
14	18.84	20.04	19.61	20.80	21.18	22.38	22.76	23.95	1.15	1.53	2.72	3.10
15	19.66	20.85	20.42	21.61	21.99	23.19	23.57	0.76	1.96	2.34	3.53	3.92
16	20.47	21.66	21.23	22.43	22.81	0.00	0.38	1.58	2.77	3.15	4.35	4.73
17	21.28	22.48	22.04	23.24	23.62	0.81	1.20	2.39	3.58	3.97	5.16	5.54
18	22.09	23.29	22.86	0.05	0.43	1.63	2.01	3.20	4.40	4.78	5.97	6.35
19	22.91	0.10	23.67	0.86	1.25	2.44	2.82	4.02	5.21	5.59	6.79	7.17
20	23.72	0.91	0.48	1.68	2.06	3.25	3.63	4.83	6.02	6.40	7.60	7.98
21	0.53	1.73	1.29	2.49	2.87	4.06	4.45	5.64	6.83	7.22	8.41	8.79
22	1.34	2.54	2.11	3.30	3.68	4.88	5.26	6.45	7.65	8.03	9.22	9.60
23	2.16	3.35	2.92	4.11	4.50	5.69	6.07	7.27	8.46	8.84	10.04	10.42
24	2.97	4.16	3.73	4.93	5.31	6.50	6.88	8.08	9.27	9.65	10.85	11.23
25	3.78	4.98	4.55	5.74	6.12	7.32	7.70	8.89	10.09	10.47	11.66	12.04
26	4.60	5.79	5.36	6.55	6.93	8.13	8.51	9.70	10.90	11.28	12.47	12.86
27	5.41	6.60	6.17	7.37	7.75	8.94	9.32	10.52	11.71	12.09	13.29	13.67
28	6.22	7.42	6.98	8.18	8.56	9.75	10.14	11.33	12.52	12.91	14.10	14.48
29	7.03	8.23	7.80	8.99	9.37	10.57	10.95	12.14	13.34	13.72	14.91	15.29
30	7.85		8.61	9.80	10.19	11.38	11.76	12.96	14.15	14.53	15.72	16.11
31	8.66		9.42		11.00		12.57	13.77		15.34		16.92

TABLE 1 (CONTINUED) LUNAR PHASE NU

YEAR 1921

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	17.73	18.93	17.68	18.88	19.26	20.45	20.83	22.03	23.22	23.60	0.80	1.18
2	18.54	19.74	18.49	19.69	20.07	21.26	21.65	22.84	0.03	0.42	1.61	1.99
3	19.36	20.55	19.31	20.50	20.88	22.08	22.46	23.65	0.85	1.23	2.42	2.80
4	20.17	21.36	20.12	21.31	21.70	22.89	23.27	0.47	1.66	2.04	3.24	3.62
5	20.98	22.18	20.93	22.13	22.51	23.70	0.08	1.28	2.47	2.85	4.05	4.43
6	21.80	22.99	21.75	22.94	23.32	0.52	0.90	2.09	3.29	3.67	4.86	5.24
7	22.61	23.80	22.56	23.75	0.13	1.33	1.71	2.90	4.10	4.48	5.67	6.06
8	23.42	0.62	23.37	0.57	0.95	2.14	2.52	3.72	4.91	5.29	6.49	6.87
9	0.23	1.43	0.18	1.38	1.76	2.95	3.34	4.53	5.72	6.11	7.30	7.68
10	1.05	2.24	1.00	2.19	2.57	3.77	4.15	5.34	6.54	6.92	8.11	8.49
11	1.86	3.05	1.81	3.00	3.39	4.58	4.96	6.15	7.35	7.73	8.92	9.31
12	2.67	3.87	2.62	3.82	4.20	5.39	5.77	6.97	8.16	8.54	9.74	10.12
13	3.48	4.68	3.43	4.63	5.01	6.20	6.59	7.78	8.97	9.36	10.55	10.93
14	4.30	5.49	4.25	5.44	5.82	7.02	7.40	8.59	9.79	10.17	11.36	11.74
15	5.11	6.30	5.06	6.25	6.64	7.83	8.21	9.41	10.60	10.98	12.18	12.56
16	5.92	7.12	5.87	7.07	7.45	8.64	9.02	10.22	11.41	11.79	12.99	13.37
17	6.74	7.93	6.69	7.88	8.26	9.46	9.84	11.03	12.23	12.61	13.80	14.18
18	7.55	8.74	7.50	8.69	9.07	10.27	10.65	11.84	13.04	13.42	14.61	15.00
19	8.36	9.55	8.31	9.51	9.89	11.08	11.46	12.66	13.85	14.23	15.43	15.81
20	9.17	10.37	9.12	10.32	10.70	11.89	12.28	13.47	14.66	15.05	16.24	16.62
21	9.99	11.18	9.94	11.13	11.51	12.71	13.09	14.28	15.48	15.86	17.05	17.43
22	10.80	11.99	10.75	11.94	12.32	13.52	13.90	15.09	16.29	16.67	17.86	18.25
23	11.61	12.81	11.56	12.76	13.14	14.33	14.71	15.91	17.10	17.48	18.68	19.06
24	12.42	13.62	12.37	13.57	13.95	15.14	15.53	16.72	17.91	18.30	19.49	19.87
25	13.24	14.43	13.19	14.38	14.76	15.96	16.34	17.53	18.73	19.11	20.30	20.68
26	14.05	15.24	14.00	15.19	15.58	16.77	17.15	18.35	19.54	19.92	21.12	21.50
27	14.86	16.06	14.81	16.01	16.39	17.58	17.96	19.16	20.35	20.73	21.93	22.31
28	15.68	16.87	15.63	16.82	17.20	18.40	18.78	19.97	21.17	21.55	22.74	23.12
29	16.49		16.44	17.63	18.01	19.21	19.59	20.78	21.98	22.36	23.55	23.94
30	17.30		17.25	18.45	18.83	20.02	20.40	21.60	22.79	23.17	0.37	0.75
31	18.11		18.06		19.64		21.22	22.41		23.98		1.56

TABLE 1 (CONTINUED) LUNAR PHASE MU

YEAR 1922

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	2.37	3.57	2.32	3.52	3.90	5.09	5.48	6.67	7.86	8.25	9.44	9.82
2	3.19	4.38	3.14	4.33	4.71	5.91	6.29	7.48	8.68	9.06	10.25	10.63
3	4.00	5.19	3.95	5.14	5.52	6.72	7.10	8.29	9.49	9.87	11.06	11.45
4	4.81	6.01	4.76	5.96	6.34	7.53	7.91	9.11	10.30	10.68	11.88	12.26
5	5.62	6.82	5.57	6.77	7.15	8.34	8.73	9.92	11.11	11.50	12.69	13.07
6	6.44	7.63	6.39	7.58	7.96	9.16	9.54	10.73	11.93	12.31	13.50	13.88
7	7.25	8.44	7.20	8.39	8.78	9.97	10.35	11.55	12.74	13.12	14.32	14.70
8	8.06	9.26	8.01	9.21	9.59	10.78	11.16	12.36	13.55	13.93	15.13	15.51
9	8.88	10.07	8.83	10.02	10.40	11.60	11.98	13.17	14.37	14.75	15.94	16.32
10	9.69	10.88	9.64	10.83	11.21	12.41	12.79	13.98	15.18	15.56	16.75	17.14
11	10.50	11.69	10.45	11.65	12.03	13.22	13.60	14.80	15.99	16.37	17.57	17.95
12	11.31	12.51	11.26	12.46	12.84	14.03	14.42	15.61	16.80	17.18	18.38	18.76
13	12.12	13.32	12.04	13.27	13.65	14.85	15.23	16.42	17.62	18.00	19.19	19.57
14	12.94	14.13	12.89	14.08	14.46	15.66	16.04	17.23	18.43	18.81	20.00	20.39
15	13.75	14.95	13.70	14.90	15.28	16.47	16.85	18.05	19.24	19.62	20.82	21.20
16	14.56	15.76	14.51	15.71	16.09	17.28	17.67	18.86	20.05	20.44	21.63	22.01
17	15.38	16.57	15.33	16.52	16.90	18.10	18.48	19.67	20.87	21.25	22.44	22.82
18	16.19	17.38	16.14	17.33	17.72	18.91	19.29	20.49	21.68	22.06	23.26	23.64
19	17.00	18.20	16.95	18.15	18.53	19.72	20.10	21.30	22.49	22.87	0.07	0.45
20	17.82	19.01	17.77	18.96	19.34	20.54	20.92	22.11	23.31	23.69	0.48	1.26
21	18.63	19.82	18.58	19.77	20.15	21.35	21.73	22.92	0.12	0.50	1.69	2.08
22	19.44	20.63	19.39	20.58	20.97	22.16	22.54	23.74	0.93	1.31	2.51	2.89
23	20.25	21.45	20.20	21.40	21.78	22.97	23.35	0.55	1.74	2.12	3.32	3.70
24	21.07	22.26	21.02	22.21	22.59	23.79	0.17	1.36	2.56	2.94	4.13	4.51
25	21.88	23.07	21.83	23.02	23.40	0.60	0.98	2.17	3.37	3.75	4.94	5.33
26	22.69	23.89	22.64	23.84	0.22	1.41	1.79	2.99	4.18	4.56	5.76	6.14
27	23.50	0.70	23.45	0.65	1.03	2.22	2.61	3.80	4.99	5.38	6.57	6.95
28	0.32	1.51	0.27	1.46	1.84	3.04	3.42	4.61	5.81	6.19	7.38	7.76
29	1.13		1.08	2.27	2.66	3.85	4.23	5.43	6.62	7.00	8.20	8.58
30	1.94		1.89	3.09	3.47	4.66	5.04	6.24	7.43	7.81	9.01	9.39
31	2.75		2.71		4.28		5.86	7.05		8.63		10.20

TABLE 1 (CONTINUED) LUNAR PHASE MU

YEAR 1923

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	11.01	12.21	10.97	12.16	12.54	13.74	14.12	15.31	16.51	16.89	18.08	18.46
2	11.83	13.02	11.78	12.97	13.35	14.55	14.93	16.12	17.32	17.70	18.89	19.28
3	12.64	13.83	12.59	13.78	14.17	15.36	15.74	16.94	18.13	18.51	19.71	20.09
4	13.45	14.65	13.40	14.60	14.98	16.17	16.55	17.75	18.94	19.32	20.52	20.90
5	14.27	15.46	14.22	15.41	15.79	16.99	17.37	18.56	19.76	20.14	21.33	21.71
6	15.08	16.27	15.03	16.22	16.60	17.80	18.18	19.37	20.57	20.95	22.14	22.53
7	15.89	17.09	15.84	17.04	17.42	18.61	18.99	20.19	21.38	21.76	22.96	23.34
8	16.70	17.90	16.65	17.85	18.23	19.42	19.81	21.00	22.19	22.58	23.77	0.15
9	17.52	18.71	17.47	18.66	19.04	20.24	20.62	21.81	23.01	23.39	0.58	0.96
10	18.33	19.52	18.28	19.47	19.86	21.05	21.43	22.63	23.82	0.20	1.40	1.78
11	19.14	20.34	19.09	20.29	20.67	21.86	22.24	23.44	0.63	1.01	2.21	2.59
12	19.95	21.15	19.91	21.10	21.48	22.68	23.06	0.25	1.45	1.83	3.02	3.40
13	20.77	21.96	20.72	21.91	22.29	23.49	23.87	1.06	2.26	2.64	3.83	4.21
14	21.58	22.77	21.53	22.72	23.11	0.30	0.68	1.88	3.07	3.45	4.65	5.03
15	22.39	23.59	22.34	23.54	23.92	1.11	1.49	2.69	3.88	4.26	5.46	5.84
16	23.21	0.40	23.16	0.35	0.73	1.93	2.31	3.50	4.70	5.08	6.27	6.65
17	0.02	1.21	23.97	1.16	1.54	2.74	3.12	4.31	5.51	5.89	7.08	7.47
18	0.83	2.03	0.78	1.98	2.36	3.55	3.93	5.13	6.32	6.70	7.90	8.28
19	1.64	2.84	1.59	2.79	3.17	4.36	4.75	5.94	7.13	7.52	8.71	9.09
20	2.46	3.65	2.41	3.60	3.98	5.18	5.56	6.75	7.95	8.33	9.52	9.90
21	3.27	4.46	3.22	4.41	4.80	5.99	6.37	7.57	8.76	9.14	10.34	10.72
22	4.08	5.28	4.03	5.23	5.61	6.80	7.18	8.38	9.57	9.95	11.15	11.53
23	4.89	6.09	4.85	6.04	6.42	7.61	8.00	9.19	10.38	10.77	11.96	12.34
24	5.71	6.90	5.66	6.85	7.23	8.43	8.81	10.00	11.20	11.58	12.77	13.15
25	6.52	7.71	6.47	7.66	8.05	9.24	9.62	10.82	12.01	12.39	13.59	13.97
26	7.33	8.53	7.28	8.48	8.86	10.05	10.43	11.63	12.82	13.20	14.40	14.78
27	8.15	9.34	8.10	9.29	9.67	10.87	11.25	12.44	13.64	14.02	15.21	15.59
28	8.96	10.15	8.91	10.10	10.48	11.68	12.06	13.25	14.45	14.83	16.02	16.41
29	9.77		9.72	10.92	11.30	12.49	12.87	14.07	15.26	15.64	16.84	17.22
30	10.58		10.53	11.73	12.11	13.30	13.69	14.88	16.07	16.46	17.65	18.03
31	11.40		11.35		12.92		14.90	15.69		17.27		18.64

TABLE 1 (CONTINUED) LUNAR PHASE NU

YEAR 1924

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	19.66	20.85	20.42	21.61	22.00	23.19	23.57	0.77	1.96	2.34	3.54	3.92
2	20.47	21.66	21.23	22.43	22.81	0.00	0.38	1.58	2.77	3.15	4.35	4.73
3	21.28	22.48	22.05	23.24	23.62	0.81	1.20	2.39	3.58	3.97	5.16	5.54
4	22.09	23.29	22.86	0.05	0.43	1.63	2.01	3.20	4.40	4.78	5.97	6.35
5	22.91	0.10	23.67	0.86	1.25	2.44	2.82	4.02	5.21	5.59	6.79	7.17
6	23.72	0.91	0.48	1.68	2.06	3.25	3.63	4.83	6.02	6.40	7.60	7.98
7	0.53	1.73	1.30	2.49	2.87	4.07	4.45	5.64	6.84	7.22	8.41	8.79
8	1.35	2.54	2.11	3.30	3.68	4.88	5.26	6.45	7.65	8.03	9.22	9.61
9	2.16	3.35	2.92	4.12	4.50	5.69	6.07	7.27	8.46	8.84	10.04	10.42
10	2.97	4.17	3.73	4.93	5.31	6.50	6.89	8.08	9.27	9.66	10.85	11.23
11	3.78	4.98	4.55	5.74	6.12	7.32	7.70	8.89	10.09	10.47	11.66	12.04
12	4.60	5.79	5.36	6.55	6.94	8.13	8.51	9.71	10.90	11.28	12.48	12.86
13	5.41	6.60	6.17	7.37	7.75	8.94	9.32	10.52	11.71	12.09	13.29	13.67
14	6.22	7.42	6.98	8.18	8.56	9.75	10.14	11.33	12.52	12.91	14.10	14.48
15	7.03	8.23	7.80	8.99	9.37	10.57	10.95	12.14	13.34	13.72	14.91	15.29
16	7.85	9.04	8.61	9.80	10.19	11.38	11.76	12.96	14.15	14.53	15.73	16.11
17	8.66	9.85	9.42	10.62	11.00	12.19	12.57	13.77	14.96	15.34	16.54	16.92
18	9.47	10.67	10.24	11.43	11.81	13.01	13.39	14.58	15.78	16.16	17.35	17.73
19	10.29	11.48	11.05	12.24	12.62	13.82	14.20	15.39	16.59	16.97	18.16	18.55
20	11.10	12.29	11.86	13.06	13.44	14.63	15.01	16.21	17.40	17.78	18.98	19.36
21	11.91	13.11	12.67	13.87	14.25	15.44	15.83	17.02	18.21	18.60	19.79	20.17
22	12.72	13.92	13.49	14.68	15.06	16.26	16.64	17.83	19.03	19.41	20.60	20.98
23	13.54	14.73	14.30	15.49	15.88	17.07	17.45	18.65	19.84	20.22	21.41	21.80
24	14.35	15.54	15.11	16.31	16.69	17.88	18.26	19.46	20.65	21.03	22.23	22.61
25	15.16	16.36	15.92	17.12	17.50	18.69	19.08	20.27	21.46	21.85	23.04	23.42
26	15.97	17.17	16.74	17.93	18.31	19.51	19.89	21.08	22.28	22.66	23.85	0.23
27	16.79	17.98	17.55	18.74	19.13	20.32	20.70	21.90	23.09	23.47	0.67	1.05
28	17.60	18.79	18.36	19.56	19.94	21.13	21.51	22.71	23.90	0.28	1.48	1.86
29	18.41	19.61	19.18	20.37	20.75	21.95	22.33	23.52	0.72	1.10	2.29	2.67
30	19.23		19.99	21.18	21.56	22.76	23.14	0.33	1.53	1.91	3.10	3.49
31	20.04		20.80		22.38		23.95	1.15		2.72		4.30

TABLE 1 (CONTINUED) LUNAR PHASE NU

YEAR 1925

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	5.11	6.31	5.06	6.26	6.64	7.83	8.21	9.41	10.60	10.98	12.18	12.56
2	5.92	7.12	5.87	7.07	7.45	8.64	9.03	10.22	11.41	11.80	12.99	13.37
3	6.74	7.93	6.69	7.88	8.26	9.46	9.84	11.03	12.23	12.61	13.80	14.18
4	7.55	8.74	7.50	8.69	9.08	10.27	10.65	11.84	13.04	13.42	14.61	15.00
5	8.36	9.56	8.31	9.51	9.89	11.08	11.46	12.66	13.85	14.23	15.43	15.81
6	9.17	10.37	9.12	10.32	10.70	11.89	12.28	13.47	14.66	15.05	16.24	16.62
7	9.99	11.18	9.94	11.13	11.51	12.71	13.09	14.28	15.48	15.86	17.05	17.43
8	10.80	11.99	10.75	11.94	12.33	13.52	13.90	15.10	16.29	16.67	17.87	18.25
9	11.61	12.81	11.56	12.76	13.14	14.33	14.71	15.91	17.10	17.48	18.68	19.06
10	12.43	13.62	12.38	13.57	13.95	15.15	15.53	16.72	17.92	18.30	19.49	19.87
11	13.24	14.43	13.19	14.38	14.76	15.96	16.34	17.53	18.73	19.11	20.30	20.69
12	14.05	15.24	14.00	15.20	15.58	16.77	17.15	18.35	19.54	19.92	21.12	21.50
13	14.86	16.06	14.81	16.01	16.39	17.58	17.97	19.16	20.35	20.74	21.93	22.31
14	15.68	16.87	15.63	16.82	17.20	18.40	18.78	19.97	21.17	21.55	22.74	23.12
15	16.49	17.68	16.44	17.63	18.01	19.21	19.59	20.78	21.98	22.36	23.55	23.94
16	17.30	18.50	17.25	18.45	18.83	20.02	20.40	21.60	22.79	23.17	0.37	0.75
17	18.11	19.31	18.06	19.26	19.64	20.83	21.22	22.41	23.60	23.99	1.18	1.56
18	18.93	20.12	18.88	20.07	20.45	21.65	22.03	23.22	0.42	0.80	1.99	2.37
19	19.74	20.93	19.69	20.88	21.27	22.46	22.84	0.04	1.23	1.61	2.81	3.19
20	20.55	21.75	20.50	21.70	22.08	23.27	23.65	0.85	2.04	2.42	3.62	4.00
21	21.37	22.56	21.32	22.51	22.89	0.09	0.47	1.66	2.86	3.24	4.43	4.81
22	22.18	23.37	22.13	23.32	23.70	0.90	1.28	2.47	3.67	4.05	5.24	5.63
23	22.99	0.18	22.94	0.14	0.52	1.71	2.09	3.29	4.48	4.86	6.06	6.44
24	23.80	1.00	23.75	0.95	1.33	2.52	2.91	4.10	5.29	5.68	6.87	7.25
25	0.62	1.81	0.57	1.76	2.14	3.34	3.72	4.91	6.11	6.49	7.68	8.06
26	1.43	2.62	1.38	2.57	2.95	4.15	4.53	5.72	6.92	7.30	8.49	8.88
27	2.24	3.44	2.19	3.39	3.77	4.96	5.34	6.54	7.73	8.11	9.31	9.69
28	3.05	4.25	3.00	4.20	4.58	5.77	6.16	7.35	8.54	8.93	10.12	10.50
29	3.87		3.82	5.01	5.39	6.59	6.97	8.16	9.36	9.74	10.93	11.31
30	4.68		4.63	5.82	6.21	7.40	7.78	8.98	10.17	10.55	11.75	12.13
31	5.49		5.44		7.02		8.59	9.79		11.36		12.94

TABLE 1 (CONTINUED) LUNAR PHASE MU

YEAR 1926

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	13.75	14.95	13.70	14.90	15.28	16.47	16.85	18.05	19.24	19.62	20.82	21.20
2	14.57	15.76	14.52	15.71	16.09	17.29	17.67	18.86	20.06	20.44	21.63	22.01
3	15.38	16.57	15.33	16.52	16.90	18.10	18.48	19.67	20.87	21.25	22.44	22.83
4	16.19	17.38	16.14	17.34	17.72	18.91	19.29	20.49	21.68	22.06	23.26	23.64
5	17.00	18.20	16.95	18.15	18.53	19.72	20.11	21.30	22.49	22.87	0.07	0.45
6	17.82	19.01	17.77	18.96	19.34	20.54	20.92	22.11	23.31	23.69	0.88	1.26
7	18.63	19.82	18.58	19.77	20.15	21.35	21.73	22.92	0.12	0.50	1.69	2.08
8	19.44	20.64	19.39	20.59	20.97	22.16	22.54	23.74	0.93	1.31	2.51	2.89
9	20.25	21.45	20.20	21.40	21.78	22.97	23.36	0.55	1.74	2.13	3.32	3.70
10	21.07	22.26	21.02	22.21	22.59	23.79	0.17	1.36	2.56	2.94	4.13	4.51
11	21.88	23.07	21.83	23.02	23.41	0.60	0.98	2.18	3.37	3.75	4.95	5.33
12	22.69	23.89	22.64	23.84	0.22	1.41	1.79	2.99	4.18	4.56	5.76	6.14
13	23.51	0.70	23.46	0.65	1.03	2.23	2.61	3.80	5.00	5.38	6.57	6.95
14	0.32	1.51	0.27	1.46	1.84	3.04	3.42	4.61	5.81	6.19	7.38	7.77
15	1.13	2.32	1.08	2.27	2.66	3.85	4.23	5.43	6.62	7.00	8.20	8.58
16	1.94	3.14	1.89	3.09	3.47	4.66	5.04	6.24	7.43	7.81	9.01	9.39
17	2.76	3.95	2.71	3.90	4.28	5.48	5.86	7.05	8.25	8.63	9.82	10.20
18	3.57	4.76	3.52	4.71	5.09	6.29	6.67	7.86	9.06	9.44	10.63	11.02
19	4.38	5.58	4.33	5.53	5.91	7.10	7.48	8.68	9.87	10.25	11.45	11.83
20	5.19	6.39	5.14	6.34	6.72	7.91	8.30	9.49	10.68	11.07	12.26	12.64
21	6.01	7.20	5.96	7.15	7.53	8.73	9.11	10.30	11.50	11.88	13.07	13.45
22	6.82	8.01	6.77	7.96	8.35	9.54	9.92	11.12	12.31	12.69	13.89	14.27
23	7.63	8.83	7.58	8.78	9.16	10.35	10.73	11.93	13.12	13.50	14.70	15.08
24	8.44	9.64	8.40	9.59	9.97	11.17	11.55	12.74	13.94	14.32	15.51	15.89
25	9.26	10.45	9.21	10.40	10.78	11.98	12.36	13.55	14.75	15.13	16.32	16.71
26	10.07	11.26	10.02	11.21	11.60	12.79	13.17	14.37	15.56	15.94	17.14	17.52
27	10.88	12.08	10.83	12.03	12.41	13.60	13.98	15.18	16.37	16.75	17.95	18.33
28	11.70	12.89	11.65	12.84	13.22	14.42	14.80	15.99	17.19	17.57	18.76	19.14
29	12.51		12.46	13.65	14.03	15.23	15.61	16.80	18.00	18.38	19.57	19.96
30	13.32		13.27	14.47	14.85	16.04	16.42	17.62	18.81	19.19	20.39	20.77
31	14.13		14.08		15.66		17.24	18.43		20.01		21.58

TABLE 1 (CONTINUED) LUNAR PHASE MU

YEAR 1927

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	22.39	23.59	22.34	23.54	23.92	1.11	1.50	2.69	3.88	4.27	5.46	5.84
2	23.21	0.40	23.16	0.35	0.73	1.93	2.31	3.50	4.70	5.08	6.27	6.65
3	0.02	1.21	23.97	1.16	1.55	2.74	3.12	4.32	5.51	5.89	7.09	7.47
4	0.83	2.03	0.78	1.98	2.36	3.55	3.93	5.13	6.32	6.70	7.90	8.28
5	1.64	2.84	1.60	2.79	3.17	4.37	4.75	5.94	7.14	7.52	8.71	9.09
6	2.46	3.65	2.41	3.60	3.98	5.18	5.56	6.75	7.95	8.33	9.52	9.90
7	3.27	4.46	3.22	4.41	4.80	5.99	6.37	7.57	8.76	9.14	10.34	10.72
8	4.08	5.28	4.03	5.23	5.61	6.80	7.18	8.38	9.57	9.95	11.15	11.53
9	4.90	6.09	4.85	6.04	6.42	7.62	8.00	9.19	10.39	10.77	11.96	12.34
10	5.71	6.90	5.66	6.85	7.23	8.43	8.81	10.00	11.20	11.58	12.77	13.16
11	6.52	7.72	6.47	7.67	8.05	9.24	9.62	10.82	12.01	12.39	13.59	13.97
12	7.33	8.53	7.28	8.48	8.86	10.05	10.44	11.63	12.82	13.21	14.40	14.78
13	8.15	9.34	8.10	9.29	9.67	10.87	11.25	12.44	13.64	14.02	15.21	15.59
14	8.96	10.15	8.91	10.10	10.49	11.68	12.06	13.26	14.45	14.83	16.03	16.41
15	9.77	10.97	9.72	10.92	11.30	12.49	12.87	14.07	15.26	15.64	16.84	17.22
16	10.58	11.78	10.53	11.73	12.11	13.30	13.69	14.88	16.07	16.46	17.65	18.03
17	11.40	12.59	11.35	12.54	12.92	14.12	14.50	15.69	16.89	17.27	18.46	18.84
18	12.21	13.40	12.16	13.35	13.74	14.93	15.31	16.51	17.70	18.08	19.28	19.66
19	13.02	14.22	12.97	14.17	14.55	15.74	16.12	17.32	18.51	18.89	20.09	20.47
20	13.84	15.03	13.79	14.98	15.36	16.56	16.94	18.13	19.33	19.71	20.90	21.28
21	14.65	15.84	14.60	15.79	16.17	17.37	17.75	18.94	20.14	20.52	21.71	22.10
22	15.46	16.66	15.41	16.61	16.99	18.18	18.56	19.76	20.95	21.33	22.53	22.91
23	16.27	17.47	16.22	17.42	17.80	18.99	19.38	20.57	21.76	22.15	23.34	23.72
24	17.09	18.28	17.04	18.23	18.61	19.81	20.19	21.38	22.58	22.96	0.15	0.53
25	17.90	19.09	17.85	19.04	19.43	20.62	21.00	22.20	23.39	23.77	0.96	1.35
26	18.71	19.91	18.66	19.86	20.24	21.43	21.81	23.01	0.20	0.58	1.78	2.16
27	19.52	20.72	19.47	20.67	21.05	22.24	22.63	23.82	1.01	1.40	2.59	2.97
28	20.34	21.53	20.29	21.48	21.86	23.06	23.44	0.63	1.83	2.21	3.40	3.78
29	21.15		21.10	22.29	22.68	23.87	0.25	1.45	2.64	3.02	4.22	4.60
30	21.96		21.91	23.11	23.49	0.68	1.06	2.26	3.45	3.83	5.03	5.41
31	22.78		22.73		0.30		1.88	3.07		4.65		6.22

TABLE 1 (CONTINUED) LUNAR PHASE NU

YEAR 1928

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	7.04	8.23	7.80	8.99	9.37	10.57	10.95	12.14	13.34	13.72	14.91	15.30
2	7.85	9.04	8.61	9.81	10.19	11.38	11.76	12.96	14.15	14.53	15.73	16.11
3	8.66	9.86	9.42	10.62	11.00	12.19	12.58	13.77	14.96	15.35	16.54	16.92
4	9.47	10.67	10.24	11.43	11.81	13.01	13.39	14.58	15.78	16.16	17.35	17.73
5	10.29	11.48	11.05	12.24	12.63	13.82	14.20	15.40	16.59	16.97	18.16	18.55
6	11.10	12.29	11.86	13.06	13.44	14.63	15.01	16.21	17.40	17.78	18.98	19.36
7	11.91	13.11	12.67	13.87	14.25	15.44	15.83	17.02	18.21	18.60	19.79	20.17
8	12.72	13.92	13.49	14.68	15.06	16.26	16.64	17.83	19.03	19.41	20.60	20.98
9	13.54	14.73	14.30	15.49	15.88	17.07	17.45	18.65	19.84	20.22	21.42	21.80
10	14.35	15.54	15.11	16.31	16.69	17.88	18.26	19.46	20.65	21.03	22.23	22.61
11	15.16	16.36	15.93	17.12	17.50	18.70	19.08	20.27	21.47	21.85	23.04	23.42
12	15.98	17.17	16.74	17.93	18.31	19.51	19.89	21.08	22.28	22.66	23.85	0.24
13	16.79	17.98	17.55	18.75	19.13	20.32	20.70	21.90	23.09	23.47	0.67	1.05
14	17.60	18.80	18.36	19.56	19.94	21.13	21.52	22.71	23.90	0.29	1.48	1.86
15	18.41	19.61	19.18	20.37	20.75	21.95	22.33	23.52	0.72	1.10	2.29	2.67
16	19.23	20.42	19.99	21.18	21.57	22.76	23.14	0.33	1.53	1.91	3.10	3.49
17	20.04	21.23	20.80	22.00	22.38	23.57	23.95	1.15	2.34	2.72	3.92	4.30
18	20.85	22.05	21.61	22.81	23.19	0.38	0.77	1.96	3.15	3.54	4.73	5.11
19	21.66	22.86	22.43	23.62	0.00	1.20	1.58	2.77	3.97	4.35	5.54	5.92
20	22.48	23.67	23.24	0.43	0.82	2.01	2.39	3.59	4.78	5.16	6.36	6.74
21	23.29	0.48	0.05	1.25	1.63	2.82	3.20	4.40	5.59	5.97	7.17	7.55
22	0.10	1.30	0.87	2.06	2.44	3.64	4.02	5.21	6.41	6.79	7.98	8.36
23	0.92	2.11	1.68	2.87	3.25	4.45	4.83	6.02	7.22	7.60	8.79	9.18
24	1.73	2.92	2.49	3.69	4.07	5.26	5.64	6.84	8.03	8.41	9.61	9.99
25	2.54	3.73	3.30	4.50	4.88	6.07	6.46	7.65	8.84	9.23	10.42	10.80
26	3.35	4.55	4.12	5.31	5.69	6.89	7.27	8.46	9.66	10.04	11.23	11.61
27	4.17	5.36	4.93	6.12	6.50	7.70	8.08	9.27	10.47	10.85	12.04	12.43
28	4.98	6.17	5.74	6.94	7.32	8.51	8.89	10.09	11.28	11.66	12.86	13.24
29	5.79	6.99	6.55	7.75	8.13	9.32	9.71	10.90	12.09	12.48	13.67	14.05
30	6.60		7.37	8.56	8.94	10.14	10.52	11.71	12.91	13.29	14.48	14.86
31	7.42		8.18		9.76		11.33	12.53		14.10		15.68

TABLE 1 (CONTINUED) LUNAR PHASE NU

YEAR 1929

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	16.49	17.68	16.44	17.63	18.02	19.21	19.59	20.79	21.98	22.36	23.56	23.94
2	17.30	18.50	17.25	18.45	18.83	20.02	20.40	21.60	22.79	23.17	0.37	0.75
3	18.12	19.31	18.07	19.26	19.64	20.84	21.22	22.41	23.61	23.99	1.18	1.56
4	18.93	20.12	18.88	20.07	20.45	21.65	22.03	23.22	0.42	0.80	1.99	2.38
5	19.74	20.93	19.69	20.89	21.27	22.46	22.84	0.04	1.23	1.61	2.81	3.19
6	20.55	21.75	20.50	21.70	22.08	23.27	23.66	0.85	2.04	2.43	3.62	4.00
7	21.37	22.56	21.32	22.51	22.89	0.09	0.47	1.66	2.86	3.24	4.43	4.81
8	22.18	23.37	22.13	23.32	23.70	0.90	1.28	2.47	3.67	4.05	5.24	5.63
9	22.99	0.19	22.94	0.14	0.52	1.71	2.09	3.29	4.48	4.86	6.06	6.44
10	23.80	1.00	23.75	0.95	1.33	2.52	2.91	4.10	5.29	5.68	6.87	7.25
11	0.62	1.81	0.57	1.76	2.14	3.34	3.72	4.91	6.11	6.49	7.68	8.06
12	1.43	2.62	1.38	2.57	2.96	4.15	4.53	5.73	6.92	7.30	8.50	8.88
13	2.24	3.44	2.19	3.39	3.77	4.96	5.34	6.54	7.73	8.11	9.31	9.69
14	3.06	4.25	3.01	4.20	4.58	5.78	6.16	7.35	8.55	8.93	10.12	10.50
15	3.87	5.06	3.82	5.01	5.39	6.59	6.97	8.16	9.36	9.74	10.93	11.32
16	4.68	5.87	4.63	5.83	6.21	7.40	7.78	8.98	10.17	10.55	11.75	12.13
17	5.49	6.69	5.44	6.64	7.02	8.21	8.59	9.79	10.98	11.36	12.56	12.94
18	6.31	7.50	6.26	7.45	7.83	9.03	9.41	10.60	11.80	12.18	13.37	13.75
19	7.12	8.31	7.07	8.26	8.64	9.84	10.22	11.41	12.61	12.99	14.18	14.57
20	7.93	9.13	7.88	9.08	9.46	10.65	11.03	12.23	13.42	13.80	15.00	15.38
21	8.74	9.94	8.69	9.89	10.27	11.46	11.85	13.04	14.23	14.62	15.81	16.19
22	9.56	10.75	9.51	10.70	11.08	12.28	12.66	13.85	15.05	15.43	16.62	17.00
23	10.37	11.56	10.32	11.51	11.90	13.09	13.47	14.67	15.86	16.24	17.44	17.82
24	11.18	12.38	11.13	12.33	12.71	13.90	14.28	15.48	16.67	17.05	18.25	18.63
25	12.00	13.19	11.95	13.14	13.52	14.72	15.10	16.29	17.49	17.87	19.06	19.44
26	12.81	14.00	12.76	13.95	14.33	15.53	15.91	17.10	18.30	18.68	19.87	20.26
27	13.62	14.81	13.57	14.76	15.15	16.34	16.72	17.92	19.11	19.49	20.69	21.07
28	14.43	15.63	14.38	15.58	15.96	17.15	17.53	18.73	19.92	20.30	21.50	21.88
29	15.25		15.20	16.39	16.77	17.97	18.35	19.54	20.74	21.12	22.31	22.69
30	16.06		16.01	17.20	17.58	18.78	19.16	20.35	21.55	21.93	23.12	23.51
31	16.87		16.82		18.40		19.97	21.17		22.74		0.32

TABLE 1 (CONTINUED) LUNAR PHASE MU

YEAR 1930

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	1.13	2.33	1.08	2.28	2.66	3.85	4.23	5.43	6.62	7.00	8.20	8.58
2	1.94	3.14	1.89	3.09	3.47	4.66	5.05	6.24	7.43	7.82	9.01	9.39
3	2.76	3.95	2.71	3.90	4.28	5.48	5.86	7.05	8.25	8.63	9.82	10.20
4	3.57	4.76	3.52	4.71	5.10	6.29	6.67	7.87	9.06	9.44	10.64	11.02
5	4.38	5.58	4.33	5.53	5.91	7.10	7.48	8.68	9.87	10.25	11.45	11.83
6	5.20	6.39	5.15	6.34	6.72	7.92	8.30	9.49	10.69	11.07	12.26	12.64
7	6.01	7.20	5.96	7.15	7.53	8.73	9.11	10.30	11.50	11.88	13.07	13.45
8	6.82	8.01	6.77	7.96	8.35	9.54	9.92	11.12	12.31	12.69	13.89	14.27
9	7.63	8.83	7.58	8.78	9.16	10.35	10.73	11.93	13.12	13.50	14.70	15.08
10	8.45	9.64	8.40	9.59	9.97	11.17	11.55	12.74	13.94	14.32	15.51	15.89
11	9.26	10.45	9.21	10.40	10.78	11.98	12.36	13.55	14.75	15.13	16.32	16.71
12	10.07	11.27	10.02	11.22	11.60	12.79	13.17	14.37	15.56	15.94	17.14	17.52
13	10.88	12.08	10.83	12.03	12.41	13.60	13.99	15.18	16.37	16.76	17.95	18.33
14	11.70	12.89	11.65	12.84	13.22	14.42	14.80	15.99	17.19	17.57	18.76	19.14
15	12.51	13.70	12.46	13.65	14.04	15.23	15.61	16.81	18.00	18.38	19.58	19.96
16	13.32	14.52	13.27	14.47	14.85	16.04	16.42	17.62	18.81	19.19	20.39	20.77
17	14.13	15.33	14.09	15.28	15.66	16.86	17.24	18.43	19.63	20.01	21.20	21.58
18	14.95	16.14	14.90	16.09	16.47	17.67	18.05	19.24	20.44	20.82	22.01	22.39
19	15.76	16.95	15.71	16.90	17.29	18.48	18.86	20.06	21.25	21.63	22.83	23.21
20	16.57	17.77	16.52	17.72	18.10	19.29	19.67	20.87	22.06	22.44	23.64	0.02
21	17.39	18.58	17.34	18.53	18.91	20.11	20.49	21.68	22.88	23.26	0.45	0.83
22	18.20	19.39	18.15	19.34	19.72	20.92	21.30	22.49	23.69	0.07	1.26	1.65
23	19.01	20.21	18.96	20.16	20.54	21.73	22.11	23.31	0.50	0.88	2.08	2.46
24	19.82	21.02	19.77	20.97	21.35	22.54	22.93	0.12	1.31	1.70	2.89	3.27
25	20.64	21.83	20.59	21.78	22.16	23.36	23.74	0.93	2.13	2.51	3.70	4.08
26	21.45	22.64	21.40	22.59	22.98	0.17	0.55	1.75	2.94	3.32	4.52	4.90
27	22.26	23.46	22.21	23.41	23.79	0.98	1.36	2.56	3.75	4.13	5.33	5.71
28	23.07	0.27	23.02	0.22	0.60	1.79	2.18	3.37	4.56	4.95	6.14	6.52
29	23.89		23.84	1.03	1.41	2.61	2.99	4.18	5.38	5.76	6.95	7.33
30	0.70		0.65	1.84	2.23	3.42	3.80	5.00	6.19	6.57	7.77	8.15
31	1.51		1.46		3.04		4.61	5.81		7.38		8.96

TABLE 1 (CONTINUED) LUNAR PHASE MU

YEAR 1931

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	9.77	10.97	9.72	10.92	11.30	12.49	12.87	14.07	15.26	15.64	16.84	17.22
2	10.59	11.78	10.54	11.73	12.11	13.31	13.69	14.88	16.08	16.46	17.65	18.03
3	11.40	12.59	11.35	12.54	12.92	14.12	14.50	15.69	16.89	17.27	18.46	18.85
4	12.21	13.41	12.16	13.36	13.74	14.93	15.31	16.51	17.70	18.08	19.28	19.66
5	13.02	14.22	12.97	14.17	14.55	15.74	16.13	17.32	18.51	18.90	20.09	20.47
6	13.84	15.03	13.79	14.98	15.36	16.56	16.94	18.13	19.33	19.71	20.90	21.28
7	14.65	15.84	14.60	15.79	16.18	17.37	17.75	18.95	20.14	20.52	21.72	22.10
8	15.46	16.66	15.41	16.61	16.99	18.18	18.56	19.76	20.95	21.33	22.53	22.91
9	16.27	17.47	16.22	17.42	17.80	18.99	19.38	20.57	21.76	22.15	23.34	23.72
10	17.09	18.28	17.04	18.23	18.61	19.81	20.19	21.38	22.58	22.96	0.15	0.53
11	17.90	19.09	17.85	19.04	19.43	20.62	21.00	22.20	23.39	23.77	0.97	1.35
12	18.71	19.91	18.66	19.86	20.24	21.43	21.81	23.01	0.20	0.58	1.78	2.16
13	19.53	20.72	19.48	20.67	21.05	22.25	22.63	23.82	1.02	1.40	2.59	2.97
14	20.34	21.53	20.29	21.48	21.86	23.06	23.44	0.63	1.83	2.21	3.40	3.79
15	21.15	22.35	21.10	22.30	22.68	23.87	0.25	1.45	2.64	3.02	4.22	4.60
16	21.96	23.16	21.91	23.11	23.49	0.68	1.07	2.26	3.45	3.84	5.03	5.41
17	22.78	23.97	22.73	23.92	0.30	1.50	1.88	3.07	4.27	4.65	5.84	6.22
18	23.59	0.78	23.54	0.73	1.12	2.31	2.69	3.89	5.08	5.46	6.65	7.04
19	0.40	1.60	0.35	1.55	1.93	3.12	3.50	4.70	5.89	6.27	7.47	7.85
20	1.21	2.41	1.16	2.36	2.74	3.93	4.32	5.51	6.70	7.09	8.28	8.66
21	2.03	3.22	1.98	3.17	3.55	4.75	5.13	6.32	7.52	7.90	9.09	9.47
22	2.84	4.03	2.79	3.98	4.37	5.56	5.94	7.14	8.33	8.71	9.91	10.29
23	3.65	4.85	3.60	4.80	5.18	6.37	6.75	7.95	9.14	9.52	10.72	11.10
24	4.47	5.66	4.42	5.61	5.99	7.19	7.57	8.76	9.96	10.34	11.53	11.91
25	5.28	6.47	5.23	6.42	6.80	8.00	8.38	9.57	10.77	11.15	12.34	12.73
26	6.09	7.29	6.04	7.24	7.62	8.81	9.19	10.39	11.58	11.96	13.16	13.54
27	6.90	8.10	6.85	8.05	8.43	9.62	10.01	11.20	12.39	12.78	13.97	14.35
28	7.72	8.91	7.67	8.86	9.24	10.44	10.82	12.01	13.21	13.59	14.78	15.16
29	8.53		8.48	9.67	10.06	11.25	11.63	12.82	14.02	14.40	15.59	15.98
30	9.34		9.29	10.49	10.87	12.06	12.44	13.64	14.83	15.21	16.41	16.79
31	10.15		10.10		11.68		13.26	14.45		16.03		17.60

TABLE 1 (CONTINUED) LUNAR PHASE NU

YEAR 1932

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	18.41	19.61	19.18	20.37	20.75	21.95	22.33	23.52	0.72	1.10	2.29	2.67
2	19.23	20.42	19.99	21.18	21.57	22.76	23.14	0.34	1.53	1.91	3.11	3.49
3	20.04	21.23	20.80	22.00	22.38	23.57	23.95	1.15	2.34	2.72	3.92	4.30
4	20.85	22.05	21.62	22.81	23.19	0.39	0.77	1.96	3.16	3.54	4.73	5.11
5	21.67	22.86	22.43	23.62	0.00	1.20	1.58	2.77	3.97	4.35	5.54	5.93
6	22.48	23.67	23.24	0.44	0.82	2.01	2.39	3.59	4.78	5.16	6.36	6.74
7	23.29	0.49	0.05	1.25	1.63	2.82	3.21	4.40	5.59	5.98	7.17	7.55
8	0.10	1.30	0.87	2.06	2.44	3.64	4.02	5.21	6.41	6.79	7.98	8.36
9	0.92	2.11	1.68	2.87	3.25	4.45	4.83	6.02	7.22	7.60	8.79	9.18
10	1.73	2.92	2.49	3.69	4.07	5.26	5.64	6.84	8.03	8.41	9.61	9.99
11	2.54	3.74	3.30	4.50	4.88	6.07	6.46	7.65	8.84	9.23	10.42	10.80
12	3.35	4.55	4.12	5.31	5.69	6.89	7.27	8.46	9.66	10.04	11.23	11.61
13	4.17	5.36	4.93	6.12	6.51	7.70	8.08	9.28	10.47	10.85	12.05	12.43
14	4.98	6.17	5.74	6.94	7.32	8.51	8.89	10.09	11.28	11.66	12.86	13.24
15	5.79	6.99	6.56	7.75	8.13	9.33	9.71	10.90	12.10	12.48	13.67	14.05
16	6.61	7.80	7.37	8.56	8.94	10.14	10.52	11.71	12.91	13.29	14.48	14.87
17	7.42	8.61	8.18	9.38	9.76	10.95	11.33	12.53	13.72	14.10	15.30	15.68
18	8.23	9.42	8.99	10.19	10.57	11.76	12.15	13.34	14.53	14.92	16.11	16.49
19	9.04	10.24	9.81	11.00	11.38	12.58	12.96	14.15	15.35	15.73	16.92	17.30
20	9.86	11.05	10.62	11.81	12.19	13.39	13.77	14.96	16.16	16.54	17.73	18.12
21	10.67	11.86	11.43	12.63	13.01	14.20	14.58	15.78	16.97	17.35	18.55	18.93
22	11.48	12.68	12.24	13.44	13.82	15.01	15.40	16.59	17.78	18.17	19.36	19.74
23	12.29	13.49	13.06	14.25	14.63	15.83	16.21	17.40	18.60	18.98	20.17	20.55
24	13.11	14.30	13.87	15.06	15.45	16.64	17.02	18.22	19.41	19.79	20.99	21.37
25	13.92	15.11	14.68	15.88	16.26	17.45	17.83	19.03	20.22	20.60	21.80	22.18
26	14.73	15.93	15.50	16.69	17.07	18.27	18.65	19.84	21.04	21.42	22.61	22.99
27	15.55	16.74	16.31	17.50	17.88	19.08	19.46	20.65	21.85	22.23	23.42	23.81
28	16.36	17.55	17.12	18.32	18.70	19.89	20.27	21.47	22.66	23.04	0.24	0.62
29	17.17	18.36	17.93	19.13	19.51	20.70	21.09	22.28	23.47	23.86	1.05	1.43
30	17.98		18.75	19.94	20.32	21.52	21.90	23.09	0.29	0.67	1.86	2.24
31	18.80		19.56		21.13		22.71	23.90		1.48		3.06

TABLE 1 (CONTINUED) LUNAR PHASE NU

YEAR 1933

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	3.87	5.06	3.82	5.01	5.39	6.59	6.97	8.16	9.36	9.74	10.93	11.32
2	4.68	5.88	4.63	5.83	6.21	7.40	7.78	8.98	10.17	10.55	11.75	12.13
3	5.49	6.69	5.44	6.64	7.02	8.21	8.60	9.79	10.98	11.37	12.56	12.94
4	6.31	7.50	6.26	7.45	7.83	9.03	9.41	10.60	11.80	12.18	13.37	13.75
5	7.12	8.31	7.07	8.26	8.65	9.84	10.22	11.42	12.61	12.99	14.19	14.57
6	7.93	9.13	7.88	9.08	9.46	10.65	11.03	12.23	13.42	13.80	15.00	15.38
7	8.75	9.94	8.70	9.89	10.27	11.47	11.85	13.04	14.24	14.62	15.81	16.19
8	9.56	10.75	9.51	10.70	11.08	12.28	12.66	13.85	15.05	15.43	16.62	17.01
9	10.37	11.56	10.32	11.52	11.90	13.09	13.47	14.67	15.86	16.24	17.44	17.82
10	11.18	12.38	11.13	12.33	12.71	13.90	14.29	15.48	16.67	17.05	18.25	18.63
11	12.00	13.19	11.95	13.14	13.52	14.72	15.10	16.29	17.49	17.87	19.06	19.44
12	12.81	14.00	12.76	13.95	14.33	15.53	15.91	17.10	18.30	18.68	19.87	20.26
13	13.62	14.82	13.57	14.77	15.15	16.34	16.72	17.92	19.11	19.49	20.69	21.07
14	14.43	15.63	14.38	15.58	15.96	17.15	17.54	18.73	19.92	20.31	21.50	21.88
15	15.25	16.44	15.20	16.39	16.77	17.97	18.35	19.54	20.74	21.12	22.31	22.69
16	16.06	17.25	16.01	17.20	17.59	18.78	19.16	20.36	21.55	21.93	23.13	23.51
17	16.87	18.07	16.82	18.02	18.40	19.59	19.97	21.17	22.36	22.74	23.94	0.32
18	17.69	18.88	17.64	18.83	19.21	20.41	20.79	21.98	23.18	23.56	0.75	1.13
19	18.50	19.69	18.45	19.64	20.02	21.22	21.60	22.79	23.99	0.37	1.56	1.95
20	19.31	20.50	19.26	20.45	20.84	22.03	22.41	23.61	0.80	1.18	2.38	2.76
21	20.12	21.32	20.07	21.27	21.65	22.84	23.22	0.42	1.61	1.99	3.19	3.57
22	20.94	22.13	20.89	22.08	22.46	23.66	0.04	1.23	2.43	2.81	4.00	4.38
23	21.75	22.94	21.70	22.89	23.27	0.47	0.85	2.04	3.24	3.62	4.81	5.20
24	22.56	23.76	22.51	23.71	0.09	1.28	1.66	2.86	4.05	4.43	5.63	6.01
25	23.37	0.57	23.32	0.52	0.90	2.09	2.48	3.67	4.86	5.25	6.44	6.82
26	0.19	1.38	0.14	1.33	1.71	2.91	3.29	4.48	5.68	6.06	7.25	7.63
27	1.00	2.19	0.95	2.14	2.53	3.72	4.10	5.30	6.49	6.87	8.07	8.45
28	1.81	3.01	1.76	2.96	3.34	4.53	4.91	6.11	7.30	7.68	8.88	9.26
29	2.62		2.58	3.77	4.15	5.35	5.73	6.92	8.12	8.50	9.69	10.07
30	3.44		3.39	4.58	4.96	6.16	6.54	7.73	8.93	9.31	10.50	10.88
31	4.25		4.20		5.78		7.35	8.55		10.12		11.70

TABLE 1 (CONTINUED) LUNAR PHASE NU

YEAR 1934

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	12.51	13.70	12.46	13.65	14.04	15.23	15.61	16.81	18.00	18.38	19.58	19.96
2	13.32	14.52	13.27	14.47	14.85	16.04	16.42	17.62	18.81	19.19	20.39	20.77
3	14.14	15.33	14.09	15.28	15.66	16.86	17.24	18.43	19.63	20.01	21.20	21.58
4	14.95	16.14	14.90	16.09	16.47	17.67	18.05	19.24	20.44	20.82	22.01	22.40
5	15.76	16.96	15.71	16.91	17.29	18.48	18.86	20.06	21.25	21.63	22.83	23.21
6	16.57	17.77	16.52	17.72	18.10	19.29	19.68	20.87	22.06	22.45	23.64	0.02
7	17.39	18.58	17.34	18.53	18.91	20.11	20.49	21.68	22.88	23.26	0.45	0.83
8	18.20	19.39	18.15	19.34	19.73	20.92	21.30	22.50	23.69	0.07	1.27	1.65
9	19.01	20.21	18.96	20.16	20.54	21.73	22.11	23.31	0.50	0.88	2.08	2.46
10	19.82	21.02	19.78	20.97	21.35	22.55	22.93	0.12	1.31	1.70	2.89	3.27
11	20.64	21.83	20.59	21.78	22.16	23.36	23.74	0.93	2.13	2.51	3.70	4.08
12	21.45	22.64	21.40	22.59	22.98	0.17	0.55	1.75	2.94	3.32	4.52	4.90
13	22.26	23.46	22.21	23.41	23.79	0.99	1.36	2.56	3.75	4.13	5.33	5.71
14	23.08	0.27	23.03	0.22	0.60	1.80	2.18	3.37	4.57	4.95	6.14	6.52
15	23.89	1.08	23.84	1.03	1.41	2.61	2.99	4.18	5.38	5.76	6.95	7.34
16	0.70	1.90	0.65	1.85	2.23	3.42	3.80	5.00	6.19	6.57	7.77	8.15
17	1.51	2.71	1.46	2.66	3.04	4.23	4.62	5.81	7.00	7.39	8.58	8.96
18	2.33	3.52	2.28	3.47	3.85	5.05	5.43	6.62	7.82	8.20	9.39	9.77
19	3.14	4.33	3.09	4.28	4.67	5.86	6.24	7.44	8.63	9.01	10.21	10.59
20	3.95	5.15	3.90	5.10	5.48	6.67	7.05	8.25	9.44	9.82	11.02	11.40
21	4.76	5.96	4.72	5.91	6.29	7.48	7.87	9.06	10.25	10.64	11.83	12.21
22	5.58	6.77	5.53	6.72	7.10	8.30	8.68	9.87	11.07	11.45	12.64	13.02
23	6.39	7.58	6.34	7.53	7.92	9.11	9.49	10.69	11.88	12.26	13.46	13.84
24	7.20	8.40	7.15	8.35	8.73	9.92	10.30	11.50	12.69	13.07	14.27	14.65
25	8.02	9.21	7.97	9.16	9.54	10.74	11.12	12.31	13.51	13.89	15.08	15.46
26	8.83	10.02	8.78	9.97	10.35	11.55	11.93	13.12	14.32	14.70	15.89	16.28
27	9.64	10.84	9.59	10.79	11.17	12.36	12.74	13.94	15.13	15.51	16.71	17.09
28	10.45	11.65	10.40	11.60	11.98	13.17	13.56	14.75	15.94	16.33	17.52	17.90
29	11.27		11.22	12.41	12.79	13.99	14.37	15.56	16.76	17.14	18.33	18.71
30	12.08		12.03	13.22	13.61	14.80	15.18	16.38	17.57	17.95	19.15	19.53
31	12.89		12.84		14.42		15.99	17.19		18.76		20.34

TABLE 1 (CONTINUED) LUNAR PHASE NU

YEAR 1935

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	21.15	22.35	21.10	22.30	22.68	23.87	0.25	1.45	2.64	3.02	4.22	4.60
2	21.96	23.16	21.92	23.11	23.49	0.68	1.07	2.26	3.45	3.84	5.03	5.41
3	22.78	23.97	22.73	23.92	0.30	1.50	1.88	3.07	4.27	4.65	5.84	6.22
4	23.59	0.78	23.54	0.73	1.12	2.31	2.69	3.89	5.08	5.46	6.66	7.04
5	0.40	1.60	0.35	1.55	1.93	3.12	3.50	4.70	5.89	6.27	7.47	7.85
6	1.22	2.41	1.17	2.36	2.74	3.94	4.32	5.51	6.71	7.09	8.28	8.66
7	2.03	3.22	1.98	3.17	3.55	4.75	5.13	6.32	7.52	7.90	9.09	9.48
8	2.84	4.04	2.79	3.99	4.37	5.56	5.94	7.14	8.33	8.71	9.91	10.29
9	3.65	4.85	3.60	4.80	5.18	6.37	6.76	7.95	9.14	9.53	10.72	11.10
10	4.47	5.66	4.42	5.61	5.99	7.19	7.57	8.76	9.96	10.34	11.53	11.91
11	5.28	6.47	5.23	6.42	6.81	8.00	8.38	9.58	10.77	11.15	12.35	12.73
12	6.09	7.29	6.04	7.24	7.62	8.81	9.19	10.39	11.58	11.96	13.16	13.54
13	6.90	8.10	6.85	8.05	8.43	9.62	10.01	11.20	12.39	12.78	13.97	14.35
14	7.72	8.91	7.67	8.86	9.24	10.44	10.82	12.01	13.21	13.59	14.78	15.16
15	8.53	9.72	8.48	9.67	10.06	11.25	11.63	12.83	14.02	14.40	15.60	15.98
16	9.34	10.54	9.29	10.49	10.87	12.06	12.44	13.64	14.83	15.21	16.41	16.79
17	10.16	11.35	10.11	11.30	11.68	12.88	13.26	14.45	15.65	16.03	17.22	17.60
18	10.97	12.16	10.92	12.11	12.49	13.69	14.07	15.26	16.46	16.84	18.03	18.42
19	11.78	12.98	11.73	12.93	13.31	14.50	14.88	16.08	17.27	17.65	18.85	19.23
20	12.59	13.79	12.54	13.74	14.12	15.31	15.70	16.89	18.08	18.47	19.66	20.04
21	13.41	14.60	13.36	14.55	14.93	16.13	16.51	17.70	18.90	19.28	20.47	20.85
22	14.22	15.41	14.17	15.36	15.74	16.94	17.32	18.51	19.71	20.09	21.28	21.67
23	15.03	16.23	14.98	16.18	16.56	17.75	18.13	19.33	20.52	20.90	22.10	22.48
24	15.84	17.04	15.79	16.99	17.37	18.56	18.95	20.14	21.33	21.72	22.91	23.29
25	16.66	17.85	16.61	17.80	18.18	19.38	19.76	20.95	22.15	22.53	23.72	0.10
26	17.47	18.66	17.42	18.61	19.00	20.19	20.57	21.77	22.96	23.34	0.54	0.92
27	18.28	19.48	18.23	19.43	19.81	21.00	21.38	22.58	23.77	0.15	1.35	1.73
28	19.10	20.29	19.05	20.24	20.62	21.82	22.20	23.39	0.59	0.97	2.16	2.54
29	19.91		19.86	21.05	21.43	22.63	23.01	0.20	1.40	1.78	2.97	3.36
30	20.72		20.67	21.87	22.25	23.44	23.82	1.02	2.21	2.59	3.79	4.17
31	21.53		21.48		23.06		0.64	1.83		3.41		4.98

TABLE 1 (CONTINUED) LUNAR PHASE NU

YEAR 1936

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	5.79	6.99	6.56	7.75	8.13	9.33	9.71	10.90	12.10	12.48	13.67	14.05
2	6.61	7.80	7.37	8.56	8.94	10.14	10.52	11.71	12.91	13.29	14.48	14.87
3	7.42	8.61	8.18	9.38	9.76	10.95	11.33	12.53	13.72	14.10	15.30	15.68
4	8.23	9.43	8.99	10.19	10.57	11.76	12.15	13.34	14.53	14.92	16.11	16.49
5	9.04	10.24	9.81	11.00	11.38	12.58	12.96	14.15	15.35	15.73	16.92	17.30
6	9.86	11.05	10.62	11.81	12.20	13.39	13.77	14.97	16.16	16.54	17.74	18.12
7	10.67	11.86	11.43	12.63	13.01	14.20	14.58	15.78	16.97	17.35	18.55	18.93
8	11.48	12.68	12.25	13.44	13.82	15.02	15.40	16.59	17.79	18.17	19.36	19.74
9	12.30	13.49	13.06	14.25	14.63	15.83	16.21	17.40	18.60	18.98	20.17	20.56
10	13.11	14.30	13.87	15.07	15.45	16.64	17.02	18.22	19.41	19.79	20.99	21.37
11	13.92	15.11	14.68	15.88	16.26	17.45	17.84	19.03	20.22	20.61	21.80	22.18
12	14.73	15.93	15.50	16.69	17.07	18.27	18.65	19.84	21.04	21.42	22.61	22.99
13	15.55	16.74	16.31	17.50	17.88	19.08	19.46	20.65	21.85	22.23	23.42	23.81
14	16.36	17.55	17.12	18.32	18.70	19.89	20.27	21.47	22.66	23.04	0.24	0.62
15	17.17	18.37	17.93	19.13	19.51	20.70	21.09	22.28	23.47	23.86	1.05	1.43
16	17.98	19.18	18.75	19.94	20.32	21.52	21.90	23.09	0.29	0.67	1.86	2.24
17	18.80	19.99	19.56	20.75	21.14	22.33	22.71	23.91	1.10	1.48	2.68	3.06
18	19.61	20.80	20.37	21.57	21.95	23.14	23.52	0.72	1.91	2.29	3.49	3.87
19	20.42	21.62	21.19	22.38	22.76	23.96	0.34	1.53	2.73	3.11	4.30	4.68
20	21.24	22.43	22.00	23.19	23.57	0.77	1.15	2.34	3.54	3.92	5.11	5.50
21	22.05	23.24	22.81	0.01	0.39	1.58	1.96	3.16	4.35	4.73	5.93	6.31
22	22.86	0.05	23.62	0.82	1.20	2.39	2.78	3.97	5.16	5.54	6.74	7.12
23	23.67	0.87	0.44	1.63	2.01	3.21	3.59	4.78	5.98	6.36	7.55	7.93
24	0.49	1.68	1.25	2.44	2.82	4.02	4.40	5.59	6.79	7.17	8.36	8.75
25	1.30	2.49	2.06	3.26	3.64	4.83	5.21	6.41	7.60	7.98	9.18	9.56
26	2.11	3.31	2.87	4.07	4.45	5.64	6.03	7.22	8.41	8.80	9.99	10.37
27	2.92	4.12	3.69	4.88	5.26	6.46	6.84	8.03	9.23	9.61	10.80	11.18
28	3.74	4.93	4.50	5.69	6.08	7.27	7.65	8.85	10.04	10.42	11.62	12.00
29	4.55	5.74	5.31	6.51	6.89	8.08	8.46	9.66	10.85	11.23	12.43	12.81
30	5.36		6.13	7.32	7.70	8.90	9.28	10.47	11.67	12.05	13.24	13.62
31	6.18		6.94		8.51		10.09	11.28		12.86		14.44

TABLE 1 (CONTINUED) LUNAR PHASE NU

YEAR 1937

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	15.25	16.44	15.20	16.39	16.77	17.97	18.35	19.54	20.74	21.12	22.31	22.70
2	16.06	17.25	16.01	17.21	17.59	18.78	19.16	20.36	21.55	21.93	23.13	23.51
3	16.87	18.07	16.82	18.02	18.40	19.59	19.97	21.17	22.36	22.74	23.94	0.32
4	17.69	18.88	17.64	18.83	19.21	20.41	20.79	21.98	23.18	23.56	0.75	1.13
5	18.50	19.69	18.45	19.64	20.02	21.22	21.60	22.79	23.99	0.37	1.56	1.95
6	19.31	20.51	19.26	20.46	20.84	22.03	22.41	23.61	0.80	1.18	2.38	2.76
7	20.12	21.32	20.07	21.27	21.65	22.84	23.23	0.42	1.61	2.00	3.19	3.57
8	20.94	22.13	20.89	22.08	22.46	23.66	0.04	1.23	2.43	2.81	4.00	4.38
9	21.75	22.94	21.70	22.89	23.28	0.47	0.85	2.05	3.24	3.62	4.82	5.20
10	22.56	23.76	22.51	23.71	0.09	1.28	1.66	2.86	4.05	4.43	5.63	6.01
11	23.37	0.57	23.33	0.52	0.90	2.10	2.48	3.67	4.87	5.25	6.44	6.82
12	0.19	1.38	0.14	1.33	1.71	2.91	3.29	4.48	5.68	6.06	7.25	7.64
13	1.00	2.19	0.95	2.14	2.53	3.72	4.10	5.30	6.49	6.87	8.07	8.45
14	1.81	3.01	1.76	2.96	3.34	4.53	4.91	6.11	7.30	7.68	8.88	9.26
15	2.63	3.82	2.58	3.77	4.15	5.35	5.73	6.92	8.12	8.50	9.69	10.07
16	3.44	4.63	3.39	4.58	4.96	6.16	6.54	7.73	8.93	9.31	10.50	10.89
17	4.25	5.45	4.20	5.40	5.78	6.97	7.35	8.55	9.74	10.12	11.32	11.70
18	5.06	6.26	5.01	6.21	6.59	7.78	8.17	9.36	10.55	10.94	12.13	12.51
19	5.88	7.07	5.83	7.02	7.40	8.60	8.98	10.17	11.37	11.75	12.94	13.32
20	6.69	7.88	6.64	7.83	8.22	9.41	9.79	10.99	12.18	12.56	13.76	14.14
21	7.50	8.70	7.45	8.65	9.03	10.22	10.60	11.80	12.99	13.37	14.57	14.95
22	8.31	9.51	8.27	9.46	9.84	11.04	11.42	12.61	13.80	14.19	15.38	15.76
23	9.13	10.32	9.08	10.27	10.65	11.85	12.23	13.42	14.62	15.00	16.19	16.57
24	9.94	11.13	9.89	11.08	11.47	12.66	13.04	14.24	15.43	15.81	17.01	17.39
25	10.75	11.95	10.70	11.90	12.28	13.47	13.85	15.05	16.24	16.62	17.82	18.20
26	11.57	12.76	11.52	12.71	13.09	14.29	14.67	15.86	17.06	17.44	18.63	19.01
27	12.38	13.57	12.33	13.52	13.90	15.10	15.48	16.67	17.87	18.25	19.44	19.83
28	13.19	14.39	13.14	14.34	14.72	15.91	16.29	17.49	18.68	19.06	20.26	20.64
29	14.00		13.95	15.15	15.53	16.72	17.11	18.30	19.49	19.88	21.07	21.45
30	14.82		14.77	15.96	16.34	17.54	17.92	19.11	20.31	20.69	21.88	22.26
31	15.63		15.58		17.16		18.73	19.93		21.50		23.08

TABLE 1 (CONTINUED) LUNAR PHASE MU

YEAR 1938

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	23.89	1.06	23.84	1.03	1.42	2.61	2.99	4.19	5.38	5.76	6.96	7.34
2	0.70	1.90	0.65	1.65	2.23	3.42	3.80	5.00	6.19	6.57	7.77	8.15
3	1.51	2.71	1.47	2.66	3.04	4.23	4.62	5.81	7.00	7.39	8.58	8.96
4	2.33	3.52	2.28	3.47	3.85	5.05	5.43	6.62	7.82	8.20	9.39	9.77
5	3.14	4.33	3.09	4.28	4.67	5.86	6.24	7.44	8.63	9.01	10.21	10.59
6	3.95	5.15	3.90	5.10	5.48	6.67	7.05	8.25	9.44	9.82	11.02	11.40
7	4.77	5.96	4.72	5.91	6.29	7.49	7.87	9.06	10.26	10.64	11.83	12.21
8	5.58	6.77	5.53	6.72	7.10	8.30	8.68	9.87	11.07	11.45	12.64	13.03
9	6.39	7.59	6.34	7.54	7.92	9.11	9.49	10.69	11.88	12.26	13.46	13.84
10	7.20	8.40	7.15	8.35	8.73	9.92	10.31	11.50	12.69	13.08	14.27	14.65
11	8.02	9.21	7.97	9.16	9.54	10.74	11.12	12.31	13.51	13.89	15.08	15.46
12	8.83	10.02	8.78	9.97	10.36	11.55	11.93	13.13	14.32	14.70	15.90	16.28
13	9.64	10.84	9.59	10.79	11.17	12.36	12.74	13.94	15.13	15.51	16.71	17.09
14	10.45	11.65	10.41	11.60	11.98	13.17	13.56	14.75	15.94	16.33	17.52	17.90
15	11.27	12.46	11.22	12.41	12.79	13.99	14.37	15.56	16.76	17.14	18.33	18.71
16	12.08	13.27	12.03	13.22	13.61	14.80	15.18	16.38	17.57	17.95	19.15	19.53
17	12.89	14.09	12.84	14.04	14.42	15.61	15.99	17.19	18.38	18.76	19.96	20.34
18	13.71	14.90	13.66	14.85	15.23	16.43	16.81	18.00	19.20	19.58	20.77	21.15
19	14.52	15.71	14.47	15.66	16.04	17.24	17.62	18.81	20.01	20.39	21.58	21.97
20	15.33	16.53	15.28	16.48	16.86	18.05	18.43	19.63	20.82	21.20	22.40	22.78
21	16.14	17.34	16.09	17.29	17.67	18.86	19.25	20.44	21.63	22.02	23.21	23.59
22	16.96	18.15	16.91	18.10	18.48	19.68	20.06	21.25	22.45	22.83	0.02	0.40
23	17.77	18.96	17.72	18.91	19.30	20.49	20.87	22.07	23.26	23.64	0.84	1.22
24	18.58	19.78	18.53	19.73	20.11	21.30	21.68	22.88	0.07	0.45	1.65	2.03
25	19.39	20.59	19.34	20.54	20.92	22.11	22.50	23.69	0.88	1.27	2.46	2.84
26	20.21	21.40	20.16	21.35	21.73	22.93	23.31	0.50	1.70	2.08	3.27	3.65
27	21.02	22.21	20.97	22.16	22.55	23.74	0.12	1.32	2.51	2.89	4.09	4.47
28	21.83	23.03	21.78	22.98	23.36	0.55	0.93	2.13	3.32	3.70	4.90	5.28
29	22.65		22.80	23.79	0.17	1.37	1.75	2.94	4.14	4.52	5.71	6.09
30	23.46		23.41	0.80	0.96	2.18	2.56	3.75	4.95	5.33	6.52	6.91
31	0.27		0.22		1.80		3.37	4.57		6.14		7.72

TABLE 1 (CONTINUED) LUNAR PHASE MU

YEAR 1939

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	8.53	9.73	8.48	9.68	10.06	11.25	11.63	12.83	14.02	14.40	15.60	15.98
2	9.34	10.54	9.29	10.49	10.87	12.06	12.45	13.64	14.83	15.22	16.41	16.79
3	10.16	11.35	10.11	11.30	11.68	12.88	13.26	14.45	15.65	16.03	17.22	17.60
4	10.97	12.16	10.92	12.11	12.50	13.69	14.07	15.27	16.46	16.84	18.03	18.42
5	11.78	12.98	11.73	12.93	13.31	14.50	14.88	16.08	17.27	17.65	18.85	19.23
6	12.59	13.79	12.54	13.74	14.12	15.31	15.70	16.89	18.08	18.47	19.66	20.04
7	13.41	14.60	13.36	14.55	14.93	16.13	16.51	17.70	18.90	19.28	20.47	20.85
8	14.22	15.41	14.17	15.36	15.75	16.94	17.32	18.52	19.71	20.09	21.29	21.67
9	15.03	16.23	14.98	16.18	16.56	17.75	18.13	19.33	20.52	20.90	22.10	22.48
	15.85	17.04	15.80	16.99	17.37	18.57	18.95	20.14	21.34	21.72	22.91	23.29
	16.66	17.85	16.61	17.80	18.18	19.38	19.76	20.95	22.15	22.53	23.72	0.11
12	17.47	18.67	17.42	18.62	19.00	20.19	20.57	21.77	22.96	23.34	0.54	0.92
13	18.28	19.48	18.23	19.43	19.81	21.00	21.39	22.58	23.77	0.16	1.35	1.73
14	19.10	20.29	19.05	20.24	20.62	21.82	22.20	23.39	0.59	0.97	2.16	2.54
15	19.91	21.10	19.86	21.05	21.43	22.63	23.01	0.20	1.40	1.78	2.97	3.36
16	20.72	21.92	20.67	21.87	22.25	23.44	23.82	1.02	2.21	2.59	3.79	4.17
17	21.53	22.73	21.48	22.68	23.06	0.25	0.64	1.83	3.02	3.41	4.60	4.98
18	22.35	23.54	22.30	23.49	23.87	1.07	1.45	2.64	3.84	4.22	5.41	5.79
19	23.16	0.35	23.11	0.30	0.69	1.88	2.26	3.46	4.65	5.03	6.23	6.61
20	23.97	1.17	23.92	1.12	1.50	2.69	3.07	4.27	5.46	5.84	7.04	7.42
21	0.79	1.98	0.74	1.93	2.31	3.51	3.89	5.08	6.28	6.66	7.85	8.23
22	1.60	2.79	1.55	2.74	3.12	4.32	4.70	5.89	7.09	7.47	8.66	9.05
23	2.41	3.60	2.36	3.56	3.94	5.13	5.51	6.71	7.90	8.28	9.48	9.86
24	3.22	4.42	3.17	4.37	4.75	5.94	6.33	7.52	8.71	9.10	10.29	10.67
25	4.04	5.23	3.99	5.18	5.56	6.76	7.14	8.33	9.53	9.91	11.10	11.48
26	4.85	6.04	4.80	5.99	6.37	7.57	7.95	9.14	10.34	10.72	11.91	12.30
27	5.66	6.86	5.61	6.81	7.19	8.38	8.76	9.96	11.15	11.53	12.73	13.11
28	6.47	7.67	6.42	7.62	8.00	9.19	9.58	10.77	11.96	12.35	13.54	13.92
29	7.29		7.24	8.43	8.81	10.01	10.39	11.58	12.78	13.16	14.35	14.73
30	8.10		8.05	9.24	9.63	10.82	11.20	12.40	13.59	13.97	15.17	15.55
31	8.91		8.86		10.44		12.01	13.21		14.78		16.36

TABLE 1 (CONTINUED) LUNAR PHASE NU

YEAR 1940

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	17.17	18.37	17.94	19.13	19.51	20.71	21.09	22.28	23.48	23.86	1.05	1.43
2	17.99	19.18	18.75	19.94	20.32	21.52	21.90	23.09	0.29	0.67	1.86	2.25
3	18.80	19.99	19.56	20.76	21.14	22.33	22.71	23.91	1.10	1.48	2.68	3.06
4	19.61	20.80	20.37	21.57	21.95	23.14	23.53	0.72	1.91	2.29	3.49	3.87
5	20.42	21.62	21.19	22.38	22.76	23.96	0.34	1.53	2.73	3.11	4.30	4.68
6	21.24	22.43	22.00	23.19	23.57	0.77	1.15	2.34	3.54	3.92	5.11	5.50
7	22.05	23.24	22.81	0.01	0.39	1.58	1.96	3.16	4.35	4.73	5.93	6.31
8	22.86	0.06	23.62	0.82	1.20	2.39	2.78	3.97	5.16	5.55	6.74	7.12
9	23.67	0.87	0.44	1.63	2.01	3.21	3.59	4.78	5.98	6.36	7.55	7.93
10	0.49	1.68	1.25	2.44	2.83	4.02	4.40	5.60	6.79	7.17	8.37	8.75
11	1.30	2.49	2.06	3.26	3.64	4.83	5.21	6.41	7.60	7.98	9.18	9.56
12	2.11	3.31	2.88	4.07	4.45	5.65	6.03	7.22	8.42	8.80	9.99	10.37
13	2.93	4.12	3.69	4.88	5.26	6.46	6.84	8.03	9.23	9.61	10.80	11.19
14	3.74	4.93	4.50	5.70	6.08	7.27	7.65	8.85	10.04	10.42	11.62	12.00
15	4.55	5.74	5.31	6.51	6.89	8.08	8.46	9.66	10.85	11.23	12.43	12.81
16	5.36	6.56	6.13	7.32	7.70	8.90	9.28	10.47	11.67	12.05	13.24	13.62
17	6.18	7.37	6.94	8.13	8.51	9.71	10.09	11.28	12.48	12.86	14.05	14.44
18	6.99	8.18	7.75	8.95	9.33	10.52	10.90	12.10	13.29	13.67	14.87	15.25
19	7.80	9.00	8.56	9.76	10.14	11.33	11.72	12.91	14.10	14.49	15.68	16.06
20	8.61	9.81	9.38	10.57	10.95	12.15	12.53	13.72	14.92	15.30	16.49	16.87
21	9.43	10.62	10.19	11.38	11.77	12.96	13.34	14.54	15.73	16.11	17.31	17.69
22	10.24	11.43	11.00	12.20	12.58	13.77	14.15	15.35	16.54	16.92	18.12	18.50
23	11.05	12.25	11.82	13.01	13.39	14.59	14.97	16.16	17.36	17.74	18.93	19.31
24	11.86	13.06	12.63	13.82	14.20	15.40	15.78	16.97	18.17	18.55	19.74	20.13
25	12.68	13.87	13.44	14.63	15.02	16.21	16.59	17.79	18.98	19.36	20.56	20.94
26	13.49	14.68	14.25	15.45	15.83	17.02	17.40	18.60	19.79	20.17	21.37	21.75
27	14.30	15.50	15.07	16.26	16.64	17.84	18.22	19.41	20.61	20.99	22.18	22.56
28	15.12	16.31	15.88	17.07	17.45	18.65	19.03	20.22	21.42	21.80	22.99	23.38
29	15.93	17.12	16.69	17.89	18.27	19.46	19.84	21.04	22.23	22.61	23.81	0.19
30	16.74		17.50	18.70	19.08	20.27	20.66	21.85	23.04	23.43	0.62	1.00
31	17.55		18.32		19.89		21.47	22.66		0.24		1.81

TABLE 1 (CONTINUED) LUNAR PHASE NU

YEAR 1941

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	2.63	3.82	2.58	3.77	4.15	5.35	5.73	6.92	8.12	8.50	9.69	10.07
2	3.44	4.63	3.39	4.58	4.97	6.16	6.54	7.74	8.93	9.31	10.51	10.89
3	4.25	5.45	4.20	5.40	5.78	6.97	7.35	8.55	9.74	10.12	11.32	11.70
4	5.06	6.26	5.02	6.21	6.59	7.79	8.17	9.36	10.56	10.94	12.13	12.51
5	5.88	7.07	5.83	7.02	7.40	8.60	8.98	10.17	11.37	11.75	12.94	13.33
6	6.69	7.88	6.64	7.83	8.22	9.41	9.79	10.99	12.18	12.56	13.76	14.14
7	7.50	8.70	7.45	8.65	9.03	10.22	10.60	11.80	12.99	13.37	14.57	14.95
8	8.32	9.51	8.27	9.46	9.84	11.04	11.42	12.61	13.81	14.19	15.38	15.76
9	9.13	10.32	9.08	10.27	10.65	11.85	12.23	13.42	14.62	15.00	16.19	16.58
10	9.94	11.14	9.89	11.09	11.47	12.66	13.04	14.24	15.43	15.81	17.01	17.39
11	10.75	11.95	10.70	11.90	12.28	13.47	13.86	15.05	16.24	16.63	17.82	18.20
12	11.57	12.76	11.52	12.71	13.09	14.29	14.67	15.86	17.06	17.44	18.63	19.01
13	12.38	13.57	12.33	13.52	13.91	15.10	15.48	16.68	17.87	18.25	19.45	19.83
14	13.19	14.39	13.14	14.34	14.72	15.91	16.29	17.49	18.68	19.06	20.26	20.64
15	14.00	15.20	13.96	15.15	15.53	16.73	17.11	18.30	19.50	19.88	21.07	21.45
16	14.82	16.01	14.77	15.96	16.34	17.54	17.92	19.11	20.31	20.69	21.88	22.26
17	15.63	16.82	15.58	16.77	17.16	18.35	18.73	19.93	21.12	21.50	22.70	23.08
18	16.44	17.64	16.39	17.59	17.97	19.16	19.54	20.74	21.93	22.31	23.51	23.89
19	17.26	18.45	17.21	18.40	18.78	19.98	20.36	21.55	22.75	23.13	0.32	0.70
20	18.07	19.26	18.02	19.21	19.59	20.79	21.17	22.36	23.56	23.94	1.13	1.52
21	18.88	20.08	18.83	20.03	20.41	21.60	21.98	23.18	0.37	0.75	1.95	2.33
22	19.69	20.89	19.64	20.84	21.22	22.41	22.80	23.99	1.18	1.57	2.76	3.14
23	20.51	21.70	20.46	21.65	22.03	23.23	23.61	0.80	2.00	2.38	3.57	3.95
24	21.32	22.51	21.27	22.46	22.85	0.04	0.42	1.62	2.81	3.19	4.39	4.77
25	22.13	23.33	22.08	23.28	23.66	0.85	1.23	2.43	3.62	4.00	5.20	5.58
26	22.94	0.14	22.90	0.09	0.47	1.66	2.05	3.24	4.43	4.82	6.01	6.39
27	23.76	0.95	23.71	0.90	1.28	2.48	2.86	4.05	5.25	5.63	6.82	7.20
28	0.57	1.76	0.52	1.71	2.10	3.29	3.67	4.87	6.06	6.44	7.64	8.02
29	1.38		1.33	2.53	2.91	4.10	4.48	5.68	6.87	7.25	8.45	8.83
30	2.20		2.15	3.34	3.72	4.92	5.30	6.49	7.69	8.07	9.26	9.64
31	3.01		2.96		4.53		6.11	7.30		8.88		10.46

TABLE 1 (CONTINUED) LUNAR PHASE MU

YEAR 1942

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	11.27	12.46	11.22	12.41	12.79	13.99	14.37	15.56	16.76	17.14	18.33	18.72
2	12.08	13.28	12.03	13.23	13.61	14.80	15.18	16.38	17.57	17.95	19.13	19.53
3	12.89	14.09	12.84	14.04	14.42	15.61	16.00	17.19	18.38	18.77	19.96	20.34
4	13.71	14.90	13.66	14.85	15.23	16.43	16.81	18.00	19.20	19.58	20.77	21.15
5	14.52	15.71	14.47	15.66	16.05	17.24	17.62	18.82	20.01	20.39	21.59	21.97
6	15.33	16.53	15.28	16.48	16.86	18.05	18.43	19.63	20.82	21.20	22.40	22.78
7	16.14	17.34	16.09	17.29	17.67	18.86	19.25	20.44	21.63	22.02	23.21	23.59
8	16.96	18.15	16.91	18.10	18.48	19.68	20.06	21.25	22.45	22.83	0.02	0.40
9	17.77	18.96	17.72	18.91	19.30	20.49	20.87	22.07	23.26	23.64	0.84	1.22
10	18.58	19.78	18.53	19.73	20.11	21.30	21.68	22.88	0.07	0.45	1.63	2.03
11	19.40	20.59	19.35	20.54	20.92	22.12	22.50	23.69	0.89	1.27	2.46	2.84
12	20.21	21.40	20.16	21.35	21.73	22.93	23.31	0.50	1.70	2.08	3.27	3.66
13	21.02	22.22	20.97	22.17	22.55	23.74	0.12	1.32	2.51	2.89	4.09	4.47
14	21.83	23.03	21.78	22.98	23.36	0.55	0.94	2.13	3.32	3.71	4.90	5.28
15	22.65	23.84	22.60	23.79	0.17	1.37	1.75	2.94	4.14	4.52	5.71	6.09
16	23.46	0.65	23.41	0.60	0.99	2.18	2.56	3.76	4.95	5.33	6.52	6.91
17	0.27	1.47	0.22	1.42	1.80	2.99	3.37	4.57	5.76	6.14	7.34	7.72
18	1.08	2.28	1.03	2.23	2.61	3.80	4.19	5.38	6.57	6.96	8.15	8.53
19	1.90	3.09	1.85	3.04	3.42	4.62	5.00	6.19	7.39	7.77	8.96	9.34
20	2.71	3.90	2.66	3.85	4.24	5.43	5.81	7.01	8.20	8.58	9.78	10.16
21	3.52	4.72	3.47	4.67	5.05	6.24	6.62	7.82	9.01	9.39	10.59	10.97
22	4.34	5.53	4.29	5.48	5.86	7.06	7.44	8.63	9.83	10.21	11.40	11.78
23	5.15	6.34	5.10	6.29	6.67	7.87	8.25	9.44	10.64	11.02	12.21	12.60
24	5.96	7.16	5.91	7.11	7.49	8.68	9.06	10.26	11.45	11.83	13.03	13.41
25	6.77	7.97	6.72	7.92	8.30	9.49	9.88	11.07	12.26	12.65	13.84	14.22
26	7.59	8.78	7.54	8.73	9.11	10.31	10.69	11.88	13.08	13.46	14.65	15.03
27	8.40	9.59	8.35	9.54	9.93	11.12	11.50	12.69	13.89	14.27	15.46	15.85
28	9.21	10.41	9.16	10.36	10.74	11.93	12.31	13.51	14.70	15.08	16.28	16.66
29	10.02		9.97	11.17	11.55	12.74	13.13	14.32	15.51	15.90	17.09	17.47
30	10.84		10.79	11.98	12.36	13.56	13.94	15.13	16.33	16.71	17.90	18.28
31	11.65		11.60		13.16		14.75	15.95		17.52		19.10

TABLE 1 (CONTINUED) LUNAR PHASE MU

YEAR 1943

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	19.91	21.10	19.86	21.05	21.44	22.63	23.01	0.21	1.40	1.78	2.98	3.36
2	20.72	21.92	20.67	21.87	22.25	23.44	23.82	1.02	2.21	2.59	3.79	4.17
3	21.54	22.73	21.49	22.68	23.06	0.26	0.64	1.83	3.03	3.41	4.60	4.98
4	22.35	23.54	22.30	23.49	23.87	1.07	1.45	2.64	3.84	4.22	5.41	5.80
5	23.16	0.36	23.11	0.31	0.69	1.88	2.26	3.46	4.65	5.03	6.23	6.61
6	23.97	1.17	23.92	1.12	1.50	2.69	3.08	4.27	5.46	5.85	7.04	7.42
7	0.79	1.98	0.74	1.93	2.31	3.51	3.89	5.08	6.28	6.66	7.85	8.23
8	1.60	2.79	1.55	2.74	3.13	4.32	4.70	5.89	7.09	7.47	8.66	9.05
9	2.41	3.61	2.36	3.56	3.94	5.13	5.51	6.71	7.90	8.28	9.48	9.86
10	3.22	4.42	3.17	4.37	4.75	5.94	6.33	7.52	8.71	9.10	10.29	10.67
11	4.04	5.23	3.99	5.18	5.56	6.76	7.14	8.33	9.53	9.91	11.10	11.48
12	4.85	6.04	4.80	5.99	6.38	7.57	7.95	9.15	10.34	10.72	11.92	12.30
13	5.66	6.86	5.61	6.81	7.19	8.38	8.76	9.96	11.15	11.53	12.73	13.11
14	6.48	7.67	6.43	7.62	8.00	9.20	9.58	10.77	11.97	12.35	13.54	13.92
15	7.29	8.48	7.24	8.43	8.81	10.01	10.39	11.58	12.78	13.16	14.35	14.74
16	8.10	9.29	8.05	9.25	9.63	10.82	11.20	12.40	13.59	13.97	15.17	15.55
17	8.91	10.11	8.86	10.06	10.44	11.63	12.02	13.21	14.40	14.79	15.98	16.36
18	9.73	10.92	9.68	10.87	11.25	12.45	12.83	14.02	15.22	15.60	16.79	17.17
19	10.54	11.73	10.49	11.68	12.06	13.26	13.64	14.83	16.03	16.41	17.60	17.99
20	11.35	12.55	11.30	12.50	12.88	14.07	14.45	15.65	16.84	17.22	18.42	18.80
21	12.16	13.36	12.11	13.31	13.69	14.88	15.27	16.46	17.65	18.04	19.23	19.61
22	12.98	14.17	12.93	14.12	14.50	15.70	16.08	17.27	18.47	18.85	20.04	20.42
23	13.79	14.98	13.74	14.93	15.32	16.51	16.89	18.09	19.28	19.66	20.86	21.24
24	14.60	15.80	14.55	15.75	16.13	17.32	17.70	18.90	20.09	20.47	21.67	22.05
25	15.42	16.61	15.37	16.56	16.94	18.14	18.52	19.71	20.91	21.29	22.48	22.86
26	16.23	17.42	16.18	17.37	17.75	18.95	19.33	20.52	21.72	22.10	23.29	23.68
27	17.04	18.23	16.99	18.19	18.57	19.76	20.14	21.34	22.53	22.91	0.11	0.49
28	17.85	19.05	17.80	19.00	19.38	20.57	20.95	22.15	23.34	23.72	0.92	1.30
29	18.67		18.62	19.81	20.19	21.39	21.77	22.96	0.16	0.54	1.73	2.11
30	19.48		19.43	20.62	21.00	22.20	22.58	23.77	0.97	1.35	2.54	2.93
31	20.29		20.24		21.82		23.39	0.59		2.16		3.74

TABLE 1 (CONTINUED) LUNAR PHASE NU

YEAR 1944

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	4.55	5.75	5.31	6.51	6.89	8.08	8.47	9.66	10.85	11.24	12.43	12.81
2	5.36	6.56	6.13	7.32	7.70	8.90	9.28	10.47	11.67	12.05	13.24	13.62
3	6.18	7.37	6.94	8.13	8.52	9.71	10.09	11.29	12.48	12.86	14.06	14.44
4	6.99	8.18	7.75	8.95	9.33	10.52	10.90	12.10	13.29	13.67	14.87	15.25
5	7.80	9.00	8.57	9.76	10.14	11.34	11.72	12.91	14.11	14.49	15.68	16.06
6	8.62	9.81	9.38	10.57	10.95	12.15	12.53	13.72	14.92	15.30	16.49	16.88
7	9.43	10.62	10.19	11.39	11.77	12.96	13.34	14.54	15.73	16.11	17.31	17.69
8	10.24	11.43	11.00	12.20	12.58	13.77	14.15	15.35	16.54	16.92	18.12	18.50
9	11.05	12.25	11.82	13.01	13.39	14.59	14.97	16.16	17.36	17.74	18.93	19.31
10	11.87	13.06	12.63	13.82	14.20	15.40	15.78	16.97	18.17	18.55	19.74	20.13
11	12.68	13.87	13.44	14.64	15.02	16.21	16.59	17.79	18.98	19.36	20.56	20.94
12	13.49	14.69	14.25	15.45	15.83	17.02	17.41	18.60	19.79	20.18	21.37	21.75
13	14.30	15.50	15.07	16.26	16.64	17.84	18.22	19.41	20.61	20.99	22.18	22.56
14	15.12	16.31	15.88	17.07	17.46	18.65	19.03	20.23	21.42	21.80	23.00	23.38
15	15.93	17.12	16.69	17.89	18.27	19.46	19.84	21.04	22.23	22.61	23.81	0.19
16	16.74	17.94	17.51	18.70	19.08	20.28	20.66	21.85	23.05	23.43	0.62	1.00
17	17.56	18.75	18.32	19.51	19.89	21.09	21.47	22.66	23.86	0.24	1.43	1.82
18	18.37	19.56	19.13	20.32	20.71	21.90	22.28	23.48	0.67	1.05	2.25	2.63
19	19.18	20.37	19.94	21.14	21.52	22.71	23.09	0.29	1.48	1.86	3.06	3.44
20	19.99	21.19	20.76	21.95	22.33	23.53	23.91	1.10	2.30	2.68	3.87	4.25
21	20.81	22.00	21.57	22.76	23.14	0.34	0.72	1.91	3.11	3.49	4.68	5.07
22	21.62	22.81	22.38	23.58	23.96	1.15	1.53	2.73	3.92	4.30	5.50	5.88
23	22.43	23.63	23.19	0.39	0.77	1.96	2.35	3.54	4.73	5.12	6.31	6.69
24	23.24	0.44	0.01	1.20	1.58	2.78	3.16	4.35	5.55	5.93	7.12	7.50
25	0.06	1.25	0.82	2.01	2.40	3.59	3.97	5.17	6.36	6.74	7.94	8.32
26	0.87	2.06	1.63	2.83	3.21	4.40	4.78	5.98	7.17	7.55	8.75	9.13
27	1.68	2.88	2.45	3.64	4.02	5.22	5.60	6.79	7.99	8.37	9.56	9.94
28	2.49	3.69	3.26	4.45	4.83	6.03	6.41	7.60	8.80	9.18	10.37	10.75
29	3.31	4.50	4.07	5.26	5.65	6.84	7.22	8.42	9.61	9.99	11.19	11.57
30	4.12		4.68	6.08	6.46	7.65	8.03	9.23	10.42	10.80	12.00	12.38
31	4.93		5.70		7.27		8.85	10.04		11.62		13.19

TABLE 1 (CONTINUED) LUNAR PHASE NU

YEAR 1945

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	14.01	15.20	13.96	15.15	15.53	16.73	17.11	18.30	19.50	19.88	21.07	21.45
2	14.82	16.01	14.77	15.96	16.34	17.54	17.92	19.11	20.31	20.69	21.88	22.27
3	15.63	16.83	15.58	16.78	17.16	18.35	18.73	19.93	21.12	21.50	22.70	23.08
4	16.44	17.64	16.39	17.59	17.97	19.16	19.55	20.74	21.93	22.32	23.51	23.89
5	17.26	18.45	17.21	18.40	18.78	19.98	20.36	21.55	22.75	23.13	0.32	0.70
6	18.07	19.26	18.02	19.21	19.60	20.79	21.17	22.37	23.56	23.94	1.14	1.52
7	18.88	20.08	18.83	20.03	20.41	21.60	21.98	23.18	0.37	0.75	1.95	2.33
8	19.69	20.89	19.65	20.84	21.22	22.42	22.80	23.99	1.19	1.57	2.76	3.14
9	20.51	21.70	20.46	21.65	22.03	23.23	23.61	0.80	2.00	2.38	3.57	3.95
10	21.32	22.51	21.27	22.46	22.85	0.04	0.42	1.62	2.81	3.19	4.39	4.77
11	22.13	23.33	22.08	23.28	23.66	0.85	1.23	2.43	3.62	4.00	5.20	5.58
12	22.95	0.14	22.90	0.09	0.47	1.67	2.05	3.24	4.44	4.82	6.01	6.39
13	23.76	0.95	23.71	0.90	1.28	2.48	2.86	4.05	5.25	5.63	6.82	7.21
14	0.57	1.77	0.52	1.72	2.10	3.29	3.67	4.87	6.06	6.44	7.64	8.02
15	1.38	2.58	1.33	2.53	2.91	4.10	4.49	5.68	6.87	7.26	8.45	8.83
16	2.20	3.39	2.15	3.34	3.72	4.92	5.30	6.49	7.69	8.07	9.26	9.64
17	3.01	4.20	2.96	4.15	4.54	5.73	6.11	7.31	8.50	8.88	10.08	10.46
18	3.82	5.02	3.77	4.97	5.35	6.54	6.92	8.12	9.31	9.69	10.89	11.27
19	4.63	5.83	4.58	5.78	6.16	7.35	7.74	8.93	10.12	10.51	11.70	12.08
20	5.45	6.64	5.40	6.59	6.97	8.17	8.55	9.74	10.94	11.32	12.51	12.89
21	6.26	7.45	6.21	7.40	7.79	8.98	9.36	10.56	11.75	12.13	13.33	13.71
22	7.07	8.27	7.02	8.22	8.60	9.79	10.17	11.37	12.56	12.94	14.14	14.52
23	7.89	9.08	7.84	9.03	9.41	10.61	10.99	12.18	13.38	13.76	14.95	15.33
24	8.70	9.89	8.65	9.84	10.22	11.42	11.80	12.99	14.19	14.57	15.76	16.15
25	9.51	10.71	9.46	10.66	11.04	12.23	12.61	13.81	15.00	15.38	16.58	16.96
26	10.32	11.52	10.27	11.47	11.85	13.04	13.43	14.62	15.81	16.20	17.39	17.77
27	11.14	12.33	11.09	12.28	12.66	13.86	14.24	15.43	16.63	17.01	18.20	18.58
28	11.95	13.14	11.90	13.09	13.48	14.67	15.05	16.25	17.44	17.82	19.01	19.40
29	12.76		12.71	13.91	14.29	15.48	15.86	17.06	18.25	18.63	19.83	20.21
30	13.57		13.52	14.72	15.10	16.29	16.68	17.87	19.06	19.45	20.64	21.02
31	14.39		14.34		15.91		17.49	18.68		20.26		21.83

TABLE 1 (CONTINUED) LUNAR PHASE MU

YEAR 1946

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	22.65	23.84	22.60	23.79	0.17	1.37	1.75	2.94	4.14	4.52	5.71	6.09
2	23.46	0.65	23.41	0.60	0.99	2.18	2.56	3.76	4.95	5.33	6.53	6.91
3	0.27	1.47	0.22	1.42	1.80	2.99	3.37	4.57	5.76	6.14	7.34	7.72
4	1.09	2.28	1.04	2.23	2.61	3.81	4.19	5.38	6.58	6.96	8.15	8.53
5	1.90	3.09	1.85	3.04	3.42	4.62	5.00	6.19	7.39	7.77	8.96	9.35
6	2.71	3.91	2.66	3.86	4.24	5.43	5.81	7.01	8.20	8.58	9.78	10.16
7	3.52	4.72	3.47	4.67	5.05	6.24	6.63	7.82	9.01	9.40	10.59	10.97
8	4.34	5.53	4.29	5.48	5.86	7.06	7.44	8.63	9.83	10.21	11.40	11.78
9	5.15	6.34	5.10	6.29	6.68	7.87	8.25	9.45	10.64	11.02	12.21	12.60
10	5.96	7.16	5.91	7.11	7.49	8.68	9.06	10.26	11.45	11.83	13.03	13.41
11	6.77	7.97	6.72	7.92	8.30	9.49	9.88	11.07	12.26	12.65	13.84	14.22
12	7.59	8.78	7.54	8.73	9.11	10.31	10.69	11.88	13.08	13.46	14.65	15.03
13	8.40	9.59	8.25	9.54	9.93	11.12	11.50	12.70	13.89	14.27	15.47	15.85
14	9.21	10.41	9.16	10.36	10.74	11.93	12.31	13.51	14.70	15.08	16.28	16.66
15	10.03	11.22	9.98	11.17	11.55	12.75	13.13	14.32	15.52	15.90	17.09	17.47
16	10.84	12.03	10.79	11.98	12.36	13.56	13.94	15.13	16.33	16.71	17.90	18.29
17	11.65	12.85	11.60	12.80	13.18	14.37	14.75	15.95	17.14	17.52	18.72	19.10
18	12.46	13.66	12.41	13.61	13.99	15.18	15.57	16.76	17.95	18.34	19.53	19.91
19	13.28	14.47	13.23	14.42	14.80	16.00	16.38	17.57	18.77	19.15	20.34	20.72
20	14.09	15.28	14.04	15.23	15.62	16.81	17.19	18.38	19.58	19.96	21.15	21.54
21	14.90	16.10	14.85	16.05	16.43	17.62	18.00	19.20	20.39	20.77	21.97	22.35
22	15.71	16.91	15.66	16.86	17.24	18.43	18.82	20.01	21.20	21.59	22.78	23.16
23	16.53	17.72	16.48	17.67	18.05	19.25	19.63	20.82	22.02	22.40	23.59	23.97
24	17.34	18.53	17.29	18.48	18.87	20.06	20.44	21.64	22.83	23.21	0.41	0.79
25	18.15	19.35	18.10	19.30	19.68	20.87	21.25	22.45	23.64	0.02	1.22	1.60
26	18.97	20.16	18.92	20.11	20.49	21.69	22.07	23.26	0.46	0.84	2.03	2.41
27	19.78	20.97	19.73	20.92	21.30	22.50	22.88	0.07	1.27	1.65	2.84	3.23
28	20.59	21.78	20.54	21.74	22.12	23.31	23.69	0.89	2.08	2.46	3.66	4.04
29	21.40		21.35	22.55	22.93	0.12	0.51	1.70	2.89	3.28	4.47	4.85
30	22.22		22.17	23.36	23.74	0.94	1.32	2.51	3.71	4.09	5.28	5.66
31	23.03		22.98		0.55		2.13	3.32		4.90		6.48

TABLE 1 (CONTINUED) LUNAR PHASE MU

YEAR 1947

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	7.29	8.48	7.24	8.43	8.81	10.01	10.39	11.58	12.78	13.16	14.35	14.74
2	8.10	9.30	8.05	9.25	9.63	10.82	11.20	12.40	13.59	13.97	15.17	15.55
3	8.91	10.11	8.86	10.06	10.44	11.63	12.02	13.21	14.40	14.79	15.98	16.36
4	9.73	10.92	9.68	10.87	11.25	12.45	12.83	14.02	15.22	15.60	16.79	17.17
5	10.54	11.73	10.49	11.68	12.07	13.26	13.64	14.84	16.03	16.41	17.61	17.99
6	11.35	12.55	11.30	12.50	12.88	14.07	14.45	15.65	16.84	17.22	18.42	18.80
7	12.17	13.36	12.12	13.31	13.69	14.89	15.27	16.46	17.66	18.04	19.23	19.61
8	12.98	14.17	12.93	14.12	14.50	15.70	16.08	17.27	18.47	18.85	20.04	20.43
9	13.79	14.98	13.74	14.94	15.32	16.51	16.89	18.09	19.28	19.66	20.86	21.24
10	14.60	15.80	14.55	15.75	16.13	17.32	17.71	18.90	20.09	20.48	21.67	22.05
11	15.42	16.61	15.37	16.56	16.94	18.14	18.52	19.71	20.91	21.29	22.48	22.86
12	16.23	17.42	16.18	17.37	17.75	18.95	19.33	20.52	21.72	22.10	23.29	23.68
13	17.04	18.24	16.99	18.19	18.57	19.76	20.14	21.34	22.53	22.91	0.11	0.49
14	17.85	19.05	17.80	19.00	19.38	20.57	20.96	22.15	23.34	23.73	0.92	1.30
15	18.67	19.86	18.62	19.81	20.19	21.39	21.77	22.96	0.16	0.54	1.73	2.11
16	19.48	20.67	19.43	20.62	21.01	22.20	22.58	23.78	0.97	1.35	2.55	2.93
17	20.29	21.49	20.24	21.44	21.82	23.01	23.39	0.59	1.78	2.16	3.36	3.74
18	21.11	22.30	21.06	22.25	22.63	23.83	0.21	1.40	2.60	2.98	4.17	4.55
19	21.92	23.11	21.87	23.06	23.44	0.64	1.02	2.21	3.41	3.79	4.98	5.37
20	22.73	23.92	22.68	23.88	0.26	1.45	1.83	3.03	4.22	4.60	5.80	6.18
21	23.54	0.74	23.49	0.69	1.07	2.26	2.64	3.84	5.03	5.41	6.61	6.99
22	0.36	1.55	0.31	1.50	1.88	3.08	3.46	4.65	5.85	6.23	7.42	7.80
23	1.17	2.36	1.12	2.31	2.69	3.89	4.27	5.46	6.66	7.04	8.23	8.62
24	1.98	3.18	1.93	3.13	3.51	4.70	5.08	6.28	7.47	7.85	9.05	9.43
25	2.79	3.99	2.74	3.94	4.32	5.51	5.90	7.09	8.28	8.67	9.86	10.24
26	3.61	4.80	3.56	4.75	5.13	6.33	6.71	7.90	9.10	9.48	10.67	11.05
27	4.42	5.61	4.37	5.56	5.95	7.14	7.52	8.72	9.91	10.29	11.49	11.87
28	5.23	6.43	5.18	6.38	6.76	7.95	8.33	9.53	10.72	11.10	12.30	12.68
29	6.05		6.00	7.19	7.57	8.77	9.15	10.34	11.54	11.92	13.11	13.49
30	6.86		6.81	8.00	8.38	9.58	9.96	11.15	12.35	12.73	13.92	14.31
31	7.67		7.62		9.20		10.77	11.97		13.54		15.12

TABLE 1 (CONTINUED) LUNAR PHASE NU

YEAR 1948

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	15.93	17.12	16.69	17.89	18.27	19.46	19.84	21.04	22.23	22.61	23.81	0.19
2	16.74	17.94	17.51	18.70	19.08	20.28	20.66	21.85	23.05	23.43	0.62	1.00
3	17.56	18.75	18.32	19.51	19.89	21.09	21.47	22.66	23.86	0.24	1.43	1.82
4	18.37	19.56	19.13	20.33	20.71	21.90	22.28	23.48	0.67	1.05	2.25	2.63
5	19.18	20.38	19.94	21.14	21.52	22.71	23.10	0.29	1.48	1.87	3.06	3.44
6	19.99	21.19	20.76	21.95	22.33	23.53	23.91	1.10	2.30	2.68	3.87	4.25
7	20.81	22.00	21.57	22.76	23.15	0.34	0.72	1.92	3.11	3.49	4.69	5.07
8	21.62	22.81	22.38	23.58	23.96	1.15	1.53	2.73	3.92	4.30	5.50	5.88
9	22.43	23.63	23.20	0.39	0.77	1.97	2.35	3.54	4.74	5.12	6.31	6.69
10	23.24	0.44	0.01	1.20	1.58	2.78	3.16	4.35	5.55	5.93	7.12	7.50
11	0.06	1.25	0.82	2.01	2.40	3.59	3.97	5.17	6.36	6.74	7.94	8.32
12	0.87	2.06	1.63	2.83	3.21	4.40	4.78	5.98	7.17	7.55	8.75	9.13
13	1.68	2.88	2.45	3.64	4.02	5.22	5.60	6.79	7.99	8.37	9.56	9.94
14	2.50	3.69	3.26	4.45	4.83	6.03	6.41	7.60	8.80	9.18	10.37	10.76
15	3.31	4.50	4.07	5.27	5.65	6.84	7.22	8.42	9.61	9.99	11.19	11.57
16	4.12	5.32	4.88	6.08	6.46	7.65	8.04	9.23	10.42	10.81	12.00	12.38
17	4.93	6.13	5.70	6.89	7.27	8.47	8.85	10.04	11.24	11.62	12.81	13.19
18	5.75	6.94	6.51	7.70	8.09	9.28	9.66	10.86	12.05	12.43	13.63	14.01
19	6.56	7.75	7.32	8.52	8.90	10.09	10.47	11.67	12.86	13.24	14.44	14.82
20	7.37	8.57	8.14	9.33	9.71	10.91	11.29	12.48	13.67	14.06	15.25	15.63
21	8.18	9.38	8.95	10.14	10.52	11.72	12.10	13.29	14.49	14.87	16.06	16.44
22	9.00	10.19	9.76	10.95	11.34	12.53	12.91	14.11	15.30	15.68	16.88	17.26
23	9.81	11.00	10.57	11.77	12.15	13.34	13.72	14.92	16.11	16.49	17.69	18.07
24	10.62	11.82	11.39	12.58	12.96	14.16	14.54	15.73	16.93	17.31	18.50	18.88
25	11.44	12.63	12.20	13.39	13.77	14.97	15.35	16.54	17.74	18.12	19.31	19.70
26	12.25	13.44	13.01	14.21	14.59	15.78	16.16	17.36	18.55	18.93	20.13	20.51
27	13.06	14.26	13.82	15.02	15.40	16.59	16.98	18.17	19.36	19.75	20.94	21.32
28	13.87	15.07	14.64	15.83	16.21	17.41	17.79	18.98	20.18	20.56	21.75	22.13
29	14.69	15.88	15.45	16.64	17.03	18.22	18.60	19.80	20.99	21.37	22.57	22.95
30	15.50		16.26	17.46	17.84	19.03	19.41	20.61	21.80	22.18	23.38	23.76
31	16.31		17.07		18.65		20.23	21.42		23.00		0.57

TABLE 1 (CONTINUED) LUNAR PHASE NU

YEAR 1949

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	1.38	2.58	1.34	2.53	2.91	4.11	4.49	5.68	6.87	7.26	8.45	8.83
2	2.20	3.39	2.15	3.34	3.72	4.92	5.30	6.49	7.69	8.07	9.26	9.64
3	3.01	4.20	2.96	4.15	4.54	5.73	6.11	7.31	8.50	8.88	10.08	10.46
4	3.82	5.02	3.77	4.97	5.35	6.54	6.92	8.12	9.31	9.69	10.89	11.27
5	4.64	5.83	4.59	5.78	6.16	7.36	7.74	8.93	10.13	10.51	11.70	12.08
6	5.45	6.64	5.40	6.59	6.97	8.17	8.55	9.74	10.94	11.32	12.51	12.90
7	6.26	7.46	6.21	7.41	7.79	8.98	9.36	10.56	11.75	12.13	13.33	13.71
8	7.07	8.27	7.02	8.22	8.60	9.79	10.18	11.37	12.56	12.95	14.14	14.52
9	7.89	9.08	7.84	9.03	9.41	10.61	10.99	12.18	13.38	13.76	14.95	15.33
10	8.70	9.89	8.65	9.84	10.23	11.42	11.80	13.00	14.19	14.57	15.77	16.15
11	9.51	10.71	9.46	10.66	11.04	12.23	12.61	13.81	15.00	15.38	16.58	16.96
12	10.32	11.52	10.27	11.47	11.85	13.04	13.43	14.62	15.81	16.20	17.39	17.77
13	11.14	12.33	11.09	12.28	12.66	13.86	14.24	15.43	16.63	17.01	18.20	18.58
14	11.95	13.14	11.90	13.09	13.48	14.67	15.05	16.25	17.44	17.82	19.02	19.40
15	12.76	13.96	12.71	13.91	14.29	15.48	15.86	17.06	18.25	18.63	19.83	20.21
16	13.58	14.77	13.53	14.72	15.10	16.30	16.68	17.87	19.07	19.45	20.64	21.02
17	14.39	15.58	14.34	15.53	15.91	17.11	17.49	18.68	19.88	20.26	21.45	21.84
18	15.20	16.40	15.15	16.35	16.73	17.92	18.30	19.50	20.69	21.07	22.27	22.65
19	16.01	17.21	15.96	17.16	17.54	18.73	19.12	20.31	21.50	21.89	23.08	23.46
20	16.83	18.02	16.78	17.97	18.35	19.55	19.93	21.12	22.32	22.70	23.89	0.27
21	17.64	18.83	17.59	18.78	19.17	20.36	20.74	21.94	23.13	23.51	0.71	1.09
22	18.45	19.65	18.40	19.60	19.98	21.17	21.55	22.75	23.94	0.32	1.52	1.90
23	19.26	20.46	19.21	20.41	20.79	21.98	22.37	23.56	0.75	1.14	2.33	2.71
24	20.08	21.27	20.03	21.22	21.60	22.80	23.18	0.37	1.57	1.95	3.14	3.52
25	20.89	22.08	20.84	22.03	22.42	23.61	23.99	1.19	2.38	2.76	3.96	4.34
26	21.70	22.90	21.65	22.85	23.23	0.42	0.80	2.00	3.19	3.57	4.77	5.15
27	22.52	23.71	22.47	23.66	0.04	1.24	1.62	2.81	4.01	4.39	5.58	5.96
28	23.33	0.52	23.28	0.47	0.85	2.05	2.43	3.62	4.82	5.20	6.39	6.78
29	0.14		0.09	1.29	1.67	2.86	3.24	4.44	5.63	6.01	7.21	7.59
30	0.95		0.90	2.10	2.48	3.67	4.06	5.25	6.44	6.83	8.02	8.40
31	1.77		1.72		3.29		4.67	6.06		7.64		9.21

TABLE 1 (CONTINUED) LUNAR PHASE MU

YEAR 1950

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	10.03	11.22	9.98	11.17	11.55	12.75	13.13	14.32	15.32	15.90	17.09	17.47
2	10.84	12.03	10.79	11.98	12.37	13.56	13.94	15.14	16.33	16.71	17.91	18.29
3	11.65	12.85	11.60	12.80	13.18	14.37	14.75	15.95	17.14	17.52	18.72	19.10
4	12.46	13.66	12.41	13.61	13.99	15.18	15.57	16.76	17.95	18.34	19.53	19.91
5	13.26	14.47	13.23	14.42	14.80	16.00	16.38	17.57	18.77	19.15	20.34	20.72
6	14.09	15.28	14.04	15.23	15.62	16.81	17.19	18.39	19.58	19.96	21.16	21.54
7	14.90	16.10	14.85	16.05	16.43	17.62	18.00	19.20	20.39	20.77	21.97	22.35
8	15.72	16.91	15.67	16.86	17.24	18.44	18.82	20.01	21.21	21.59	22.78	23.16
9	16.53	17.72	16.48	17.67	18.05	19.25	19.63	20.82	22.02	22.40	23.59	23.96
10	17.34	18.54	17.29	18.49	18.87	20.06	20.44	21.64	22.83	23.21	0.41	0.79
11	18.15	19.35	18.10	19.30	19.68	20.87	21.25	22.45	23.64	0.03	1.22	1.60
12	18.97	20.16	18.92	20.11	20.49	21.68	22.07	23.26	0.46	0.84	2.03	2.41
13	19.78	20.97	19.73	20.92	21.30	22.50	22.88	0.07	1.27	1.65	2.84	3.23
14	20.59	21.79	20.54	21.74	22.12	23.31	23.69	0.69	2.06	2.44	3.65	4.04
15	21.40	22.60	21.35	22.55	22.93	0.12	0.51	1.70	2.89	3.28	4.47	4.85
16	22.22	23.41	22.17	23.36	23.74	0.94	1.32	2.51	3.71	4.09	5.28	5.66
17	23.03	0.22	22.98	0.17	0.56	1.75	2.13	3.33	4.52	4.90	6.10	6.48
18	23.84	1.04	23.79	0.99	1.37	2.56	2.94	4.14	5.33	5.71	6.91	7.29
19	0.06	1.85	0.61	1.80	2.18	3.36	3.76	4.95	6.15	6.53	7.72	8.10
20	1.47	2.66	1.42	2.61	2.99	4.19	4.57	5.76	6.96	7.34	8.53	8.92
21	2.28	3.47	2.23	3.43	3.81	5.00	5.38	6.58	7.77	8.15	9.35	9.73
22	3.09	4.29	3.04	4.24	4.62	5.81	6.20	7.39	8.58	8.97	10.16	10.54
23	3.91	5.10	3.86	5.05	5.43	6.63	7.01	8.20	9.40	9.78	10.97	11.35
24	4.72	5.91	4.67	5.86	6.24	7.44	7.82	9.01	10.21	10.59	11.78	12.17
25	5.53	6.73	5.48	6.68	7.06	8.25	8.63	9.83	11.02	11.40	12.60	12.98
26	6.34	7.54	6.29	7.49	7.87	9.06	9.45	10.64	11.83	12.22	13.41	13.79
27	7.16	8.35	7.11	8.30	8.68	9.88	10.26	11.45	12.65	13.03	14.22	14.60
28	7.97	9.16	7.92	9.11	9.50	10.69	11.07	12.27	13.46	13.84	15.04	15.42
29	8.78		8.73	9.93	10.31	11.50	11.88	13.08	14.27	14.65	15.85	16.23
30	9.60		9.55	10.74	11.12	12.32	12.70	13.89	15.09	15.47	16.66	17.04
31	10.41		10.36		11.93		13.51	14.70		16.28		17.86

TABLE 1 (CONTINUED) LUNAR PHASE MU

YEAR 1951

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	18.67	19.86	18.62	19.81	20.19	21.39	21.77	22.96	0.16	0.54	1.73	2.12
2	19.48	20.67	19.43	20.63	21.01	22.20	22.58	23.78	0.97	1.35	2.55	2.93
3	20.29	21.49	20.24	21.44	21.82	23.01	23.40	0.59	1.78	2.17	3.36	3.74
4	21.11	22.30	21.06	22.25	22.63	23.83	0.21	1.40	2.60	2.98	4.17	4.55
5	21.92	23.11	21.87	23.06	23.44	0.64	1.02	2.21	3.41	3.79	4.98	5.37
6	22.73	23.93	22.68	23.88	0.26	1.45	1.83	3.03	4.22	4.60	5.80	6.18
7	23.54	0.74	23.49	0.69	1.07	2.26	2.65	3.84	5.03	5.42	6.61	6.99
8	0.36	1.55	0.31	1.50	1.88	3.08	3.46	4.65	5.85	6.23	7.42	7.80
9	1.17	2.36	1.12	2.31	2.70	3.89	4.27	5.47	6.66	7.04	8.24	8.62
10	1.98	3.18	1.93	3.13	3.51	4.70	5.08	6.28	7.47	7.85	9.05	9.43
11	2.80	3.99	2.75	3.94	4.32	5.52	5.90	7.09	8.29	8.67	9.86	10.24
12	3.61	4.80	3.56	4.75	5.13	6.33	6.71	7.90	9.10	9.48	10.67	11.06
13	4.42	5.61	4.37	5.57	5.95	7.14	7.52	8.72	9.91	10.29	11.49	11.87
14	5.23	6.43	5.18	6.38	6.76	7.95	8.34	9.53	10.72	11.10	12.30	12.68
15	6.05	7.24	6.00	7.19	7.57	8.77	9.15	10.34	11.54	11.92	13.11	13.49
16	6.86	8.05	6.81	8.00	8.38	9.58	9.96	11.15	12.35	12.73	13.92	14.31
17	7.67	8.87	7.62	8.82	9.20	10.39	10.77	11.97	13.16	13.54	14.74	15.12
18	8.48	9.68	8.43	9.63	10.01	11.20	11.59	12.78	13.97	14.36	15.55	15.93
19	9.30	10.49	9.25	10.44	10.82	12.02	12.40	13.59	14.79	15.17	16.36	16.74
20	10.11	11.30	10.06	11.25	11.64	12.83	13.21	14.41	15.60	15.98	17.18	17.56
21	10.92	12.12	10.87	12.07	12.45	13.64	14.02	15.22	16.41	16.79	17.99	18.37
22	11.73	12.93	11.69	12.88	13.26	14.46	14.84	16.03	17.23	17.61	18.80	19.18
23	12.55	13.74	12.50	13.69	14.07	15.27	15.65	16.84	18.04	18.42	19.61	20.00
24	13.36	14.55	13.31	14.50	14.89	16.08	16.46	17.66	18.85	19.23	20.43	20.81
25	14.17	15.37	14.12	15.32	15.70	16.89	17.27	18.47	19.66	20.04	21.24	21.62
26	14.99	16.18	14.94	16.13	16.51	17.71	18.09	19.28	20.48	20.86	22.05	22.43
27	15.80	16.99	15.75	16.94	17.32	18.52	18.90	20.09	21.29	21.67	22.86	23.25
28	16.61	17.81	16.56	17.76	18.14	19.33	19.71	20.91	22.10	22.48	23.68	0.06
29	17.42		17.37	18.57	18.95	20.14	20.53	21.72	22.91	23.30	0.49	0.87
30	18.24		18.19	19.38	19.76	20.96	21.34	22.53	23.73	0.11	1.30	1.68
31	19.05		19.00		20.58		22.15	23.35		0.92		2.50

TABLE 1 (CONTINUED) LUNAR PHASE NU

YEAR 1952

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	3.31	4.50	4.07	5.27	5.65	6.84	7.22	8.42	9.61	9.99	11.19	11.57
2	4.12	5.32	4.89	6.08	6.46	7.66	8.04	9.23	10.43	10.81	12.00	12.38
3	4.93	6.13	5.70	6.89	7.27	8.47	8.85	10.04	11.24	11.62	12.81	13.20
4	5.75	6.94	6.51	7.70	8.09	9.28	9.66	10.86	12.05	12.43	13.63	14.01
5	6.56	7.75	7.32	8.52	8.90	10.09	10.47	11.67	12.86	13.24	14.44	14.82
6	7.37	8.57	8.14	9.33	9.71	10.91	11.29	12.48	13.68	14.06	15.25	15.63
7	8.19	9.38	8.95	10.14	10.52	11.72	12.10	13.29	14.49	14.87	16.06	16.45
8	9.00	10.19	9.76	10.96	11.34	12.53	12.91	14.11	15.30	15.68	16.88	17.26
9	9.81	11.01	10.57	11.77	12.15	13.34	13.73	14.92	16.11	16.50	17.69	18.07
10	10.62	11.82	11.39	12.58	12.96	14.16	14.54	15.73	16.93	17.31	18.50	18.88
11	11.44	12.63	12.20	13.39	13.78	14.97	15.35	16.55	17.74	18.12	19.32	19.70
12	12.25	13.44	13.01	14.21	14.59	15.78	16.16	17.36	18.55	18.93	20.13	20.51
13	13.06	14.26	13.83	15.02	15.40	16.60	16.98	18.17	19.36	19.75	20.94	21.32
14	13.87	15.07	14.64	15.83	16.21	17.41	17.79	18.98	20.18	20.56	21.75	22.13
15	14.69	15.88	15.45	16.64	17.03	18.22	18.60	19.80	20.99	21.37	22.57	22.95
16	15.50	16.69	16.26	17.46	17.84	19.03	19.41	20.61	21.80	22.18	23.38	23.76
17	16.31	17.51	17.08	18.27	18.65	19.85	20.23	21.42	22.62	23.00	0.19	0.57
18	17.13	18.32	17.89	19.08	19.46	20.66	21.04	22.23	23.43	23.81	1.00	1.39
19	17.94	19.13	18.70	19.90	20.28	21.47	21.85	23.05	0.24	0.62	1.82	2.20
20	18.75	19.95	19.51	20.71	21.09	22.28	22.67	23.86	1.05	1.44	2.63	3.01
21	19.56	20.76	20.33	21.52	21.90	23.10	23.48	0.67	1.87	2.25	3.44	3.82
22	20.38	21.57	21.14	22.33	22.72	23.91	0.29	1.49	2.68	3.06	4.26	4.64
23	21.19	22.38	21.95	23.15	23.53	0.72	1.10	2.30	3.49	3.87	5.07	5.45
24	22.00	23.20	22.77	23.96	0.34	1.53	1.92	3.11	4.30	4.69	5.88	6.26
25	22.81	0.01	23.58	0.77	1.15	2.35	2.73	3.92	5.12	5.50	6.69	7.07
26	23.63	0.82	0.39	1.58	1.97	3.16	3.54	4.74	5.93	6.31	7.51	7.89
27	0.44	1.63	1.20	2.40	2.78	3.97	4.35	5.55	6.74	7.12	8.32	8.70
28	1.25	2.45	2.02	3.21	3.59	4.79	5.17	6.36	7.56	7.94	9.13	9.51
29	2.07	3.26	2.83	4.02	4.40	5.60	5.98	7.17	8.37	8.75	9.94	10.33
30	2.88		3.64	4.84	5.22	6.41	6.79	7.99	9.18	9.56	10.76	11.14
31	3.69		4.45		6.03		7.61	8.80		10.38		11.95

TABLE 1 (CONTINUED) LUNAR PHASE NU

YEAR 1953

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	12.76	13.96	12.71	13.91	14.29	15.48	15.87	17.06	18.25	18.64	19.83	20.21
2	13.58	14.77	13.53	14.72	15.10	16.30	16.68	17.87	19.07	19.45	20.64	21.02
3	14.39	15.58	14.34	15.53	15.92	17.11	17.49	18.69	19.88	20.26	21.46	21.84
4	15.20	16.40	15.15	16.35	16.73	17.92	18.30	19.50	20.69	21.07	22.27	22.65
5	16.01	17.21	15.96	17.16	17.54	18.73	19.12	20.31	21.50	21.89	23.08	23.46
6	16.83	18.02	16.78	17.97	18.35	19.55	19.93	21.12	22.32	22.70	23.89	0.27
7	17.64	18.83	17.59	18.78	19.17	20.36	20.74	21.94	23.13	23.51	0.71	1.09
8	18.45	19.65	18.40	19.60	19.98	21.17	21.55	22.75	23.94	0.32	1.52	1.90
9	19.27	20.46	19.22	20.41	20.79	21.99	22.37	23.56	0.76	1.14	2.33	2.71
10	20.08	21.27	20.03	21.22	21.60	22.80	23.18	0.37	1.57	1.95	3.14	3.53
11	20.89	22.09	20.84	22.04	22.42	23.61	23.99	1.19	2.38	2.76	3.96	4.34
12	21.70	22.90	21.65	22.85	23.23	0.42	0.81	2.00	3.19	3.58	4.77	5.15
13	22.52	23.71	22.47	23.66	0.04	1.24	1.62	2.81	4.01	4.39	5.58	5.96
14	23.33	0.52	23.28	0.47	0.86	2.05	2.43	3.63	4.82	5.20	6.40	6.78
15	0.14	1.34	0.09	1.29	1.67	2.86	3.24	4.44	5.63	6.01	7.21	7.59
16	0.95	2.15	0.90	2.10	2.48	3.67	4.06	5.25	6.44	6.83	8.02	8.40
17	1.77	2.96	1.72	2.91	3.29	4.49	4.87	6.06	7.26	7.64	8.83	9.21
18	2.58	3.77	2.53	3.72	4.11	5.30	5.68	6.88	8.07	8.45	9.65	10.03
19	3.39	4.59	3.34	4.54	4.92	6.11	6.49	7.69	8.88	9.26	10.46	10.84
20	4.21	5.40	4.16	5.35	5.73	6.93	7.31	8.50	9.70	10.08	11.27	11.65
21	5.02	6.21	4.97	6.16	6.54	7.74	8.12	9.31	10.51	10.89	12.08	12.47
22	5.83	7.03	5.78	6.98	7.36	8.55	8.93	10.13	11.32	11.70	12.90	13.28
23	6.64	7.84	6.59	7.79	8.17	9.36	9.75	10.94	12.13	12.52	13.71	14.09
24	7.46	8.65	7.41	8.60	8.98	10.18	10.56	11.75	12.95	13.33	14.52	14.90
25	8.27	9.46	8.22	9.41	9.79	10.99	11.37	12.56	13.76	14.14	15.33	15.72
26	9.08	10.28	9.03	10.23	10.61	11.80	12.18	13.38	14.57	14.95	16.15	16.53
27	9.89	11.09	9.84	11.04	11.42	12.61	13.00	14.19	15.38	15.77	16.96	17.34
28	10.71	11.90	10.66	11.85	12.23	13.43	13.81	15.00	16.20	16.58	17.77	18.15
29	11.52		11.47	12.66	13.05	14.24	14.62	15.82	17.01	17.39	18.59	18.97
30	12.33		12.28	13.48	13.86	15.05	15.43	16.63	17.82	18.20	19.40	19.78
31	13.15		13.10		14.67		16.25	17.44		19.02		20.59

TABLE 1 (CONTINUED) LUNAR PHASE MU

YEAR 1954

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	21.41	22.00	21.36	22.35	22.93	0.13	0.51	1.70	2.90	3.28	4.47	4.85
2	22.22	23.41	22.17	23.36	23.74	0.94	1.32	2.51	3.71	4.09	5.28	5.67
3	23.03	0.22	22.98	0.18	0.56	1.75	2.13	3.33	4.52	4.90	6.10	6.48
4	23.84	1.04	23.79	0.99	1.37	2.56	2.95	4.14	5.33	5.72	6.91	7.29
5	0.06	1.85	0.61	1.80	2.18	3.38	3.76	4.95	6.15	6.53	7.72	8.10
6	1.47	2.86	1.42	2.61	2.99	4.19	4.57	5.76	6.96	7.34	8.53	8.92
7	2.28	3.48	2.23	3.43	3.81	5.00	5.38	6.58	7.77	8.15	9.35	9.73
8	3.09	4.29	3.04	4.24	4.62	5.81	6.20	7.39	8.58	8.97	10.16	10.54
9	3.91	5.10	3.86	5.05	5.43	6.63	7.01	8.20	9.40	9.78	10.97	11.35
10	4.72	5.91	4.67	5.86	6.25	7.44	7.82	9.02	10.21	10.59	11.79	12.17
11	5.53	6.73	5.48	6.68	7.06	8.25	8.63	9.83	11.02	11.40	12.60	12.98
12	6.35	7.54	6.30	7.49	7.87	9.07	9.45	10.64	11.84	12.22	13.41	13.79
13	7.16	8.35	7.11	8.30	8.68	9.88	10.26	11.45	12.65	13.03	14.22	14.61
14	7.97	9.16	7.92	9.12	9.50	10.69	11.07	12.27	13.46	13.84	15.04	15.42
15	8.78	9.98	8.73	9.93	10.31	11.50	11.89	13.08	14.27	14.65	15.85	16.23
16	9.60	10.79	9.55	10.74	11.12	12.32	12.70	13.89	15.09	15.47	16.66	17.04
17	10.41	11.60	10.36	11.55	11.93	13.13	13.51	14.70	15.90	16.28	17.47	17.86
18	11.22	12.42	11.17	12.37	12.75	13.94	14.32	15.52	16.71	17.09	18.29	18.67
19	12.03	13.23	11.98	13.18	13.56	14.75	15.14	16.33	17.52	17.91	19.10	19.48
20	12.85	14.04	12.80	13.99	14.37	15.57	15.95	17.14	18.34	18.72	19.91	20.29
21	13.66	14.85	13.61	14.80	15.19	16.38	16.76	17.96	19.15	19.53	20.73	21.11
22	14.47	15.67	14.42	15.62	16.00	17.19	17.57	18.77	19.96	20.34	21.54	21.92
23	15.29	16.48	15.24	16.43	16.81	18.01	18.39	19.58	20.78	21.16	22.35	22.73
24	16.10	17.29	16.05	17.24	17.62	18.82	19.20	20.39	21.59	21.97	23.16	23.55
25	16.91	18.10	16.86	18.06	18.44	19.63	20.01	21.21	22.40	22.78	23.98	0.36
26	17.72	18.92	17.67	18.87	19.25	20.44	20.83	22.02	23.21	23.59	0.79	1.17
27	18.54	19.73	18.49	19.68	20.06	21.26	21.64	22.83	0.03	0.41	1.80	1.98
28	19.35	20.54	19.30	20.49	20.87	22.07	22.45	23.64	0.84	1.22	2.41	2.80
29	20.16		20.11	21.31	21.69	22.88	23.26	0.46	1.65	2.03	3.23	3.61
30	20.97		20.92	22.12	22.50	23.69	0.08	1.27	2.46	2.85	4.04	4.42
31	21.79		21.74		23.31		0.89	2.08		3.66		5.23

TABLE 1 (CONTINUED) LUNAR PHASE MU

YEAR 1955

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	6.05	7.24	6.00	7.19	7.57	8.77	9.15	10.34	11.54	11.92	13.11	13.49
2	6.86	8.05	6.81	8.00	8.39	9.58	9.96	11.16	12.35	12.73	13.93	14.31
3	7.67	8.87	7.62	8.82	9.20	10.39	10.77	11.97	13.16	13.54	14.74	15.12
4	8.48	9.68	8.44	9.63	10.01	11.21	11.59	12.78	13.98	14.36	15.55	15.93
5	9.30	10.49	9.25	10.44	10.82	12.02	12.40	13.59	14.79	15.17	16.36	16.75
6	10.11	11.30	10.06	11.26	11.64	12.83	13.21	14.41	15.60	15.98	17.18	17.56
7	10.92	12.12	10.87	12.07	12.45	13.64	14.02	15.22	16.41	16.79	17.99	18.37
8	11.74	12.93	11.69	12.88	13.26	14.46	14.84	16.03	17.23	17.61	18.80	19.18
9	12.55	13.74	12.50	13.69	14.07	15.27	15.65	16.84	18.04	18.42	19.61	20.00
10	13.36	14.56	13.31	14.51	14.89	16.08	16.46	17.66	18.85	19.23	20.43	20.81
11	14.17	15.37	14.12	15.32	15.70	16.89	17.28	18.47	19.66	20.05	21.24	21.62
12	14.99	16.18	14.94	16.13	16.51	17.71	18.09	19.28	20.48	20.86	22.05	22.43
13	15.80	16.99	15.75	16.94	17.33	18.52	18.90	20.10	21.29	21.67	22.87	23.25
14	16.61	17.81	16.56	17.76	18.14	19.33	19.71	20.91	22.10	22.48	23.68	0.06
15	17.42	18.62	17.38	18.57	18.95	20.15	20.53	21.72	22.92	23.30	0.49	0.87
16	18.24	19.43	18.19	19.38	19.76	20.96	21.34	22.53	23.73	0.11	1.30	1.68
17	19.05	20.24	19.00	20.19	20.58	21.77	22.15	23.35	0.54	0.92	2.12	2.50
18	19.86	21.06	19.81	21.01	21.39	22.58	22.96	0.16	1.35	1.73	2.93	3.31
19	20.68	21.87	20.63	21.82	22.20	23.40	23.78	0.97	2.17	2.55	3.74	4.12
20	21.49	22.68	21.44	22.63	23.01	0.21	0.59	1.79	2.98	3.36	4.55	4.94
21	22.30	23.50	22.25	23.45	23.83	1.02	1.40	2.60	3.79	4.17	5.37	5.75
22	23.11	0.31	23.06	0.26	0.64	1.83	2.22	3.41	4.60	4.99	6.18	6.56
23	23.93	1.12	23.88	1.07	1.45	2.65	3.03	4.22	5.42	5.80	6.99	7.37
24	0.74	1.93	0.69	1.88	2.27	3.46	3.84	5.04	6.23	6.61	7.81	8.19
25	1.55	2.75	1.50	2.70	3.08	4.27	4.65	5.85	7.04	7.42	8.62	9.00
26	2.36	3.56	2.32	3.51	3.89	5.08	5.47	6.66	7.85	8.24	9.43	9.81
27	3.18	4.37	3.13	4.32	4.70	5.90	6.28	7.47	8.67	9.05	10.24	10.62
28	3.99	5.18	3.94	5.13	5.52	6.71	7.09	8.29	9.48	9.86	11.06	11.44
29	4.80		4.75	5.95	6.33	7.52	7.90	9.10	10.29	10.67	11.87	12.25
30	5.62		5.57	6.76	7.14	8.34	8.72	9.91	11.11	11.49	12.68	13.06
31	6.43		6.38		7.95		9.33	10.72		12.30		13.68

TABLE 1 (CONTINUED) LUNAR PHASE MU

YEAR 1956

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	14.69	15.88	15.45	16.65	17.03	18.22	18.60	19.80	20.99	21.37	22.57	22.95
2	15.30	16.70	16.26	17.46	17.84	19.03	19.42	20.61	21.80	22.19	23.38	23.76
3	16.31	17.51	17.08	18.27	18.65	19.85	20.23	21.42	22.62	23.00	0.19	0.57
4	17.13	18.32	17.89	19.08	19.47	20.66	21.04	22.24	23.43	23.81	1.01	1.39
5	17.94	19.13	18.70	19.90	20.28	21.47	21.85	23.05	0.24	0.62	1.82	2.20
6	18.75	19.95	19.51	20.71	21.09	22.28	22.67	23.86	1.05	1.44	2.63	3.01
7	19.56	20.76	20.33	21.52	21.90	23.10	23.48	0.67	1.87	2.25	3.44	3.82
8	20.38	21.57	21.14	22.33	22.72	23.91	0.29	1.49	2.68	3.06	4.26	4.64
9	21.19	22.38	21.95	23.15	23.53	0.72	1.10	2.30	3.49	3.87	5.07	5.45
10	22.00	23.20	22.77	23.96	0.34	1.54	1.92	3.11	4.31	4.69	5.88	6.26
11	22.82	0.01	23.58	0.77	1.15	2.35	2.73	3.92	5.12	5.50	6.69	7.08
12	23.63	0.82	0.39	1.59	1.97	3.16	3.54	4.74	5.93	6.31	7.51	7.89
13	0.44	1.64	1.20	2.40	2.78	3.97	4.36	5.55	6.74	7.13	8.32	8.70
14	1.25	2.45	2.02	3.21	3.59	4.79	5.17	6.36	7.56	7.94	9.13	9.51
15	2.07	3.26	2.83	4.02	4.41	5.60	5.98	7.18	8.37	8.75	9.94	10.33
16	2.88	4.07	3.64	4.84	5.22	6.41	6.79	7.99	9.18	9.56	10.76	11.14
17	3.69	4.89	4.45	5.65	6.03	7.22	7.61	8.80	9.99	10.38	11.57	11.95
18	4.50	5.70	5.27	6.46	6.84	8.04	8.42	9.61	10.81	11.19	12.38	12.76
19	5.32	6.51	6.08	7.27	7.66	8.85	9.23	10.43	11.62	12.00	13.20	13.58
20	6.13	7.32	6.89	8.09	8.47	9.66	10.04	11.24	12.43	12.81	14.01	14.39
21	6.94	8.14	7.71	8.90	9.28	10.48	10.86	12.05	13.25	13.63	14.82	15.20
22	7.76	8.95	8.52	9.71	10.09	11.29	11.67	12.86	14.06	14.44	15.63	16.02
23	8.57	9.76	9.33	10.53	10.91	12.10	12.48	13.68	14.87	15.25	16.45	16.83
24	9.38	10.58	10.14	11.34	11.72	12.91	13.30	14.49	15.68	16.07	17.26	17.64
25	10.19	11.39	10.96	12.15	12.53	13.73	14.11	15.30	16.50	16.88	18.07	18.45
26	11.01	12.20	11.77	12.96	13.35	14.54	14.92	16.12	17.31	17.69	18.88	19.27
27	11.82	13.01	12.58	13.78	14.16	15.35	15.73	16.93	18.12	18.50	19.70	20.08
28	12.63	13.83	13.39	14.59	14.97	16.16	16.55	17.74	18.93	19.32	20.51	20.89
29	13.44	14.64	14.21	15.40	15.78	16.98	17.36	18.55	19.75	20.13	21.32	21.70
30	14.26		15.02	16.21	16.60	17.79	18.17	19.37	20.56	20.94	22.14	22.52
31	15.07		15.83		17.41		18.98	20.18		21.75		23.33

TABLE 1 (CONTINUED) LUNAR PHASE MU

YEAR 1957

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	0.14	1.34	0.09	1.29	1.67	2.86	3.24	4.44	5.63	6.01	7.21	7.59
2	0.96	2.13	0.91	2.10	2.48	3.68	4.06	5.25	6.45	6.83	8.02	8.40
3	1.77	2.94	1.72	2.91	3.29	4.49	4.87	6.06	7.26	7.64	8.83	9.22
4	2.58	3.76	2.53	3.73	4.11	5.30	5.68	6.88	8.07	8.45	9.64	10.03
5	3.39	4.56	3.34	4.54	4.92	6.11	6.50	7.69	8.88	9.27	10.46	10.84
6	4.21	5.40	4.16	5.35	5.73	6.93	7.31	8.50	9.70	10.08	11.27	11.66
7	5.02	6.21	4.97	6.16	6.55	7.74	8.12	9.31	10.51	10.89	12.08	12.47
8	5.83	7.03	5.78	6.96	7.36	8.55	8.93	10.13	11.32	11.70	12.89	13.28
9	6.64	7.84	6.59	7.79	8.17	9.36	9.75	10.94	12.13	12.52	13.71	14.09
10	7.46	8.65	7.41	8.60	8.98	10.18	10.56	11.75	12.95	13.33	14.52	14.90
11	8.27	9.46	8.22	9.41	9.80	10.99	11.37	12.57	13.76	14.14	15.34	15.72
12	9.08	10.28	9.03	10.23	10.61	11.80	12.18	13.38	14.57	14.95	16.15	16.53
13	9.90	11.09	9.85	11.04	11.42	12.62	13.00	14.19	15.39	15.77	16.96	17.34
14	10.71	11.90	10.66	11.85	12.23	13.43	13.81	15.00	16.20	16.58	17.77	18.16
15	11.52	12.71	11.47	12.67	13.05	14.24	14.62	15.82	17.01	17.39	18.59	18.97
16	12.33	13.53	12.28	13.48	13.86	15.05	15.44	16.63	17.82	18.21	19.40	19.78
17	13.15	14.34	13.10	14.29	14.67	15.87	16.25	17.44	18.64	19.02	20.21	20.59
18	13.96	15.15	13.91	15.10	15.48	16.68	17.06	18.25	19.45	19.83	21.02	21.41
19	14.77	15.97	14.72	15.92	16.30	17.49	17.87	19.07	20.26	20.64	21.84	22.22
20	15.58	16.78	15.53	16.73	17.11	18.30	18.69	19.88	21.07	21.45	22.65	23.03
21	16.40	17.59	16.35	17.54	17.92	19.12	19.50	20.69	21.89	22.27	23.46	23.84
22	17.21	18.40	17.16	18.35	18.74	19.93	20.31	21.51	22.70	23.08	0.28	0.66
23	18.02	19.22	17.97	19.17	19.55	20.74	21.12	22.32	23.51	23.89	1.09	1.47
24	18.84	20.03	18.79	19.98	20.36	21.56	21.94	23.13	0.33	0.71	1.90	2.28
25	19.65	20.84	19.60	20.79	21.17	22.37	22.75	23.94	1.14	1.52	2.71	3.10
26	20.46	21.65	20.41	21.61	21.99	23.18	23.56	0.76	1.95	2.33	3.53	3.91
27	21.27	22.47	21.22	22.42	22.80	23.99	0.38	1.57	2.76	3.15	4.34	4.72
28	22.09	23.28		23.23	23.61	0.81	1.19	2.38	3.56	3.96	5.15	5.53
29	22.90		22.85	0.04	0.42	1.62	2.00	3.19	4.39	4.77	5.96	6.35
30	23.71		23.66	0.86	1.24	2.43	2.81	4.01	5.20	5.58	6.78	7.16
31	0.52		0.47		2.05		3.63	4.82		6.40		7.97

TABLE 1 (CONTINUED) LUNAR PHASE MU

YEAR 1958

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	8.78	9.98	8.73	9.93	10.31	11.50	11.89	13.08	14.27	14.66	15.85	16.23
2	9.60	10.79	9.55	10.74	11.12	12.32	12.70	13.89	15.09	15.47	16.66	17.04
3	10.41	11.60	10.36	11.55	11.94	13.13	13.51	14.71	15.90	16.28	17.48	17.86
4	11.22	12.42	11.17	12.37	12.75	13.94	14.32	15.52	16.71	17.09	18.29	18.67
5	12.04	13.23	11.99	13.18	13.56	14.76	15.14	16.33	17.53	17.91	19.10	19.48
6	12.85	14.04	12.80	13.99	14.37	15.57	15.95	17.14	18.34	18.72	19.91	20.30
7	13.66	14.85	13.61	14.81	15.19	16.38	16.76	17.96	19.15	19.53	20.73	21.11
8	14.47	15.67	14.42	15.62	16.00	17.19	17.58	18.77	19.96	20.35	21.54	21.92
9	15.29	16.48	15.24	16.43	16.81	18.01	18.39	19.58	20.78	21.16	22.35	22.73
10	16.10	17.29	16.05	17.24	17.62	18.82	19.20	20.39	21.59	21.97	23.16	23.55
11	16.91	18.11	16.86	18.06	18.44	19.63	20.01	21.21	22.40	22.78	23.98	0.36
12	17.72	18.92	17.67	18.87	19.25	20.44	20.83	22.02	23.21	23.60	0.79	1.17
13	18.54	19.73	18.49	19.68	20.06	21.26	21.64	22.83	0.03	0.41	1.60	1.98
14	19.35	20.54	19.30	20.49	20.88	22.07	22.45	23.65	0.84	1.22	2.42	2.80
15	20.16	21.36	20.11	21.31	21.69	22.88	23.26	0.46	1.65	2.03	3.23	3.61
16	20.98	22.17	20.93	22.12	22.50	23.70	0.08	1.27	2.47	2.85	4.04	4.42
17	21.79	22.98	21.74	22.93	23.31	0.51	0.89	2.08	3.28	3.66	4.85	5.24
18	22.60	23.79	22.55	23.74	0.13	1.32	1.70	2.90	4.09	4.47	5.67	6.05
19	23.41	0.61	23.36	0.56	0.94	2.13	2.51	3.71	4.90	5.28	6.48	6.86
20	0.23	1.42	0.18	1.37	1.75	2.95	3.33	4.52	5.72	6.10	7.29	7.67
21	1.04	2.23	0.99	2.18	2.56	3.76	4.14	5.33	6.53	6.91	8.10	8.49
22	1.85	3.05	1.80	3.00	3.38	4.57	4.95	6.15	7.34	7.72	8.92	9.30
23	2.66	3.86	2.61	3.81	4.19	5.38	5.77	6.96	8.15	8.54	9.73	10.11
24	3.48	4.67	3.43	4.62	5.00	6.20	6.58	7.77	8.97	9.35	10.54	10.92
25	4.29	5.48	4.24	5.43	5.82	7.01	7.39	8.59	9.78	10.16	11.36	11.74
26	5.10	6.30	5.05	6.25	6.63	7.82	8.20	9.40	10.59	10.97	12.17	12.55
27	5.92	7.11	5.87	7.06	7.44	8.64	9.02	10.21	11.41	11.79	12.98	13.36
28	6.73	7.92	6.68	7.87	8.25	9.45	9.83	11.02	12.22	12.60	13.79	14.17
29	7.54		7.49	8.68	9.07	10.26	10.64	11.84	13.03	13.41	14.61	14.99
30	8.35		8.30	9.50	9.88	11.07	11.45	12.65	13.84	14.22	15.42	15.80
31	9.17		9.12		10.69		12.27	13.46		15.04		16.61

TABLE 1 (CONTINUED) LUNAR PHASE MU

YEAR 1959

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	17.43	18.62	17.38	18.57	18.95	20.15	20.53	21.72	22.92	23.30	0.49	0.87
2	18.24	19.43	18.19	19.38	19.76	20.96	21.34	22.53	23.73	0.11	1.30	1.68
3	19.05	20.25	19.00	20.20	20.58	21.77	22.15	23.35	0.54	0.92	2.12	2.50
4	19.86	21.06	19.81	21.01	21.39	22.58	22.97	0.16	1.35	1.74	2.93	3.31
5	20.68	21.87	20.63	21.82	22.20	23.40	23.78	0.97	2.17	2.55	3.74	4.12
6	21.49	22.68	21.44	22.63	23.02	0.21	0.59	1.79	2.98	3.36	4.56	4.94
7	22.30	23.50	22.25	23.45	23.83	1.02	1.40	2.60	3.79	4.17	5.37	5.75
8	23.11	0.31	23.07	0.26	0.64	1.84	2.22	3.41	4.60	4.99	6.18	6.56
9	23.93	1.12	23.88	1.07	1.45	2.65	3.03	4.22	5.42	5.80	6.99	7.38
10	0.74	1.93	0.69	1.88	2.27	3.46	3.84	5.04	6.23	6.61	7.81	8.19
11	1.55	2.75	1.90	2.70	3.08	4.27	4.65	5.85	7.04	7.42	8.62	9.00
12	2.37	3.56	2.32	3.51	3.89	5.09	5.47	6.66	7.86	8.24	9.43	9.81
13	3.18	4.37	3.13	4.32	4.70	5.90	6.28	7.47	8.67	9.05	10.24	10.63
14	3.99	5.19	3.94	5.14	5.52	6.71	7.09	8.29	9.48	9.86	11.06	11.44
15	4.80	6.00	4.75	5.95	6.33	7.52	7.91	9.10	10.29	10.68	11.87	12.25
16	5.62	6.81	5.57	6.76	7.14	8.34	8.72	9.91	11.11	11.49	12.68	13.06
17	6.43	7.62	6.38	7.57	7.96	9.15	9.53	10.73	11.92	12.30	13.50	13.88
18	7.24	8.44	7.19	8.39	8.77	9.96	10.34	11.54	12.73	13.11	14.31	14.69
19	8.05	9.25	8.01	9.20	9.58	10.78	11.16	12.35	13.54	13.93	15.12	15.50
20	8.87	10.06	8.82	10.01	10.39	11.59	11.97	13.16	14.36	14.74	15.93	16.31
21	9.68	10.87	9.63	10.82	11.21	12.40	12.78	13.98	15.17	15.55	16.75	17.13
22	10.49	11.69	10.44	11.64	12.02	13.21	13.59	14.79	15.98	16.36	17.56	17.94
23	11.31	12.50	11.26	12.45	12.83	14.03	14.41	15.60	16.80	17.18	18.37	18.75
24	12.12	13.31	12.07	13.26	13.64	14.84	15.22	16.41	17.61	17.99	19.18	19.57
25	12.93	14.13	12.88	14.08	14.46	15.65	16.03	17.23	18.42	18.80	20.00	20.38
26	13.74	14.94	13.69	14.89	15.27	16.46	16.85	18.04	19.23	19.62	20.81	21.19
27	14.56	15.75	14.51	15.70	16.08	17.28	17.66	18.85	20.05	20.43	21.62	22.00
28	15.37	16.56	15.32	16.51	16.90	18.09	18.47	19.67	20.86	21.24	22.44	22.82
29	16.18		16.13	17.33	17.71	18.90	19.28	20.48	21.67	22.05	23.25	23.63
30	16.99		16.94	18.14	18.52	19.71	20.10	21.29	22.48	22.87	0.06	0.44
31	17.81		17.76		19.33		20.91	22.10		23.68		1.25

TABLE 1 (CONTINUED) LUNAR PHASE MU

YEAR 1980

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	2.07	3.26	2.83	4.02	4.41	5.00	5.98	7.18	8.37	8.75	9.95	10.33
2	2.88	4.07	3.64	4.84	5.22	5.81	6.79	7.99	9.18	9.56	10.76	11.14
3	3.69	4.89	4.46	5.65	6.03	6.63	7.61	8.80	10.00	10.38	11.57	11.95
4	4.51	5.70	5.27	6.46	6.84	7.44	8.42	9.61	10.81	11.19	12.38	12.77
5	5.32	6.51	6.08	7.28	7.66	8.25	9.23	10.43	11.62	12.00	13.20	13.58
6	6.13	7.33	6.89	8.09	8.47	9.06	10.05	11.24	12.43	12.82	14.01	14.39
7	6.94	8.14	7.71	8.90	9.28	10.48	10.86	12.05	13.25	13.63	14.82	15.20
8	7.76	8.95	8.52	9.71	10.10	11.29	11.67	12.87	14.06	14.44	15.64	16.02
9	8.57	9.76	9.33	10.53	10.91	12.10	12.48	13.68	14.87	15.25	16.45	16.83
10	9.38	10.58	10.14	11.34	11.72	12.91	13.30	14.49	15.68	16.07	17.26	17.64
11	10.19	11.39	10.96	12.15	12.53	13.73	14.11	15.30	16.50	16.88	18.07	18.45
12	11.01	12.20	11.77	12.96	13.35	14.54	14.92	16.12	17.31	17.69	18.89	19.27
13	11.82	13.01	12.58	13.78	14.16	15.35	15.73	16.93	18.12	18.50	19.70	20.08
14	12.63	13.83	13.40	14.59	14.97	16.17	16.55	17.74	18.94	19.32	20.51	20.89
15	13.45	14.64	14.21	15.40	15.78	16.98	17.36	18.55	19.75	20.13	21.32	21.71
16	14.26	15.45	15.02	16.22	16.60	17.79	18.17	19.37	20.56	20.94	22.14	22.52
17	15.07	16.27	15.83	17.03	17.41	18.60	18.99	20.18	21.37	21.76	22.95	23.33
18	15.88	17.08	16.65	17.84	18.22	19.42	19.80	20.99	22.19	22.57	23.76	0.14
19	16.70	17.89	17.46	18.65	19.03	20.23	20.61	21.81	23.00	23.38	0.57	0.96
20	17.51	18.70	18.27	19.47	19.85	21.04	21.42	22.62	23.81	0.19	1.39	1.77
21	18.32	19.52	19.08	20.28	20.66	21.85	22.24	23.43	0.62	1.01	2.20	2.58
22	19.13	20.33	19.90	21.09	21.47	22.67	23.05	0.24	1.44	1.82	3.01	3.39
23	19.95	21.14	20.71	21.90	22.29	23.48	23.86	1.06	2.25	2.63	3.83	4.21
24	20.76	21.95	21.52	22.72	23.10	0.29	0.67	1.87	3.06	3.44	4.64	5.02
25	21.57	22.77	22.34	23.53	23.91	1.11	1.49	2.68	3.88	4.26	5.45	5.83
26	22.39	23.58	23.15	0.34	0.72	1.92	2.30	3.49	4.69	5.07	6.26	6.65
27	23.20	0.39	23.96	1.16	1.54	2.73	3.11	4.31	5.50	5.88	7.08	7.46
28	0.01	1.21	0.77	1.97	2.35	3.54	3.93	5.12	6.31	6.70	7.89	8.27
29	0.82	2.02	1.59	2.78	3.16	4.36	4.74	5.93	7.13	7.51	8.70	9.08
30	1.64		2.40	3.59	3.97	5.17	5.55	6.74	7.94	8.32	9.51	9.90
31	2.45		3.21		4.79		6.36	7.56		9.13		10.71

TABLE 1 (CONTINUED) LUNAR PHASE MU

YEAR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	11.52	12.72	11.47	12.67	13.05	14.24	14.62	15.82	17.01	17.39	18.59	18.97
2	12.33	13.53	12.28	13.48	13.86	15.05	15.44	16.63	17.82	18.21	19.40	19.78
3	13.15	14.34	13.10	14.29	14.67	15.87	16.25	17.44	18.64	19.02	20.21	20.59
4	13.96	15.15	13.91	15.10	15.49	16.68	17.06	18.26	19.45	19.83	21.03	21.41
5	14.77	15.97	14.72	15.92	16.30	17.49	17.87	19.07	20.26	20.64	21.84	22.22
6	15.59	16.78	15.54	16.73	17.11	18.31	18.69	19.88	21.08	21.46	22.65	23.03
7	16.40	17.59	16.35	17.54	17.92	19.12	19.50	20.69	21.89	22.27	23.46	23.85
8	17.21	18.40	17.16	18.36	18.74	19.93	20.31	21.51	22.70	23.08	0.28	0.66
9	18.02	19.22	17.97	19.17	19.55	20.74	21.13	22.32	23.51	23.90	1.09	1.47
10	18.84	20.03	18.79	19.98	20.36	21.56	21.94	23.13	0.33	0.71	1.90	2.28
11	19.65	20.84	19.60	20.79	21.17	22.37	22.75	23.94	1.14	1.52	2.71	3.10
12	20.46	21.66	20.41	21.61	21.99	23.18	23.56	0.76	1.95	2.33	3.53	3.91
13	21.27	22.47	21.22	22.42	22.80	23.99	0.38	1.57	2.76	3.15	4.34	4.72
14	22.09	23.28	22.04	23.23	23.61	0.81	1.19	2.38	3.58	3.96	5.15	5.53
15	22.90	0.09	22.85	0.04	0.43	1.62	2.00	3.20	4.39	4.77	5.97	6.35
16	23.71	0.91	23.66	0.86	1.24	2.43	2.81	4.01	5.20	5.58	6.78	7.16
17	0.53	1.72	0.48	1.67	2.05	3.25	3.63	4.82	6.02	6.40	7.59	7.97
18	1.34	2.53	1.29	2.48	2.86	4.06	4.44	5.63	6.83	7.21	8.40	8.79
19	2.15	3.34	2.10	3.30	3.68	4.87	5.25	6.45	7.64	8.02	9.22	9.60
20	2.96	4.16	2.91	4.11	4.49	5.68	6.07	7.26	8.45	8.83	10.03	10.41
21	3.78	4.97	3.73	4.92	5.30	6.50	6.88	8.07	9.27	9.65	10.84	11.22
22	4.59	5.78	4.54	5.73	6.11	7.31	7.69	8.88	10.08	10.46	11.65	12.04
23	5.40	6.60	5.35	6.55	6.93	8.12	8.50	9.70	10.89	11.27	12.47	12.85
24	6.21	7.41	6.16	7.36	7.74	8.93	9.32	10.51	11.70	12.09	13.28	13.66
25	7.03	8.22	6.98	8.17	8.55	9.75	10.13	11.32	12.52	12.90	14.09	14.47
26	7.84	9.03	7.79	8.98	9.37	10.56	10.94	12.14	13.33	13.71	14.91	15.29
27	8.65	9.85	8.60	9.80	10.18	11.37	11.75	12.95	14.14	14.52	15.72	16.10
28	9.46	10.66	9.42	10.61	10.99	12.19	12.57	13.76	14.96	15.34	16.53	16.91
29	10.28		10.23	11.42	11.80	13.00	13.38	14.57	15.77	16.15	17.34	17.73
30	11.09		11.04	12.24	12.62	13.81	14.19	15.39	16.58	16.96	18.16	18.54
31	11.90		11.85		13.43		15.00	16.20		17.77		19.35

TABLE 1 (CONTINUED) LUNAR PHASE MU

YEAR 1962

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	20.16	21.36	20.11	21.31	21.69	22.88	23.26	0.46	1.65	2.04	3.23	3.61
2	20.96	22.17	20.93	22.12	22.50	23.70	0.08	1.27	2.47	2.85	4.04	4.42
3	21.79	22.98	21.74	22.93	23.31	0.51	0.89	2.08	3.28	3.66	4.85	5.24
4	22.60	23.80	22.55	23.75	0.13	1.32	1.70	2.90	4.09	4.47	5.67	6.05
5	23.41	0.61	23.36	0.56	0.94	2.13	2.52	3.71	4.90	5.29	6.48	6.86
6	0.23	1.42	0.18	1.37	1.75	2.95	3.33	4.52	5.72	6.10	7.29	7.67
7	1.04	2.23	0.99	2.18	2.57	3.76	4.14	5.34	6.53	6.91	8.11	8.49
8	1.85	3.05	1.80	3.00	3.38	4.57	4.95	6.15	7.34	7.72	8.92	9.30
9	2.67	3.86	2.62	3.81	4.19	5.39	5.77	6.96	8.16	8.54	9.73	10.11
10	3.48	4.67	3.43	4.62	5.00	6.20	6.58	7.77	8.97	9.35	10.54	10.93
11	4.29	5.48	4.24	5.43	5.82	7.01	7.39	8.59	9.78	10.16	11.36	11.74
12	5.10	6.30	5.05	6.25	6.63	7.82	8.20	9.40	10.59	10.97	12.17	12.55
13	5.92	7.11	5.87	7.06	7.44	8.64	9.02	10.21	11.41	11.79	12.98	13.36
14	6.73	7.92	6.68	7.87	8.25	9.45	9.83	11.02	12.22	12.60	13.79	14.18
15	7.54	8.74	7.49	8.69	9.07	10.26	10.64	11.84	13.03	13.41	14.61	14.99
16	8.35	9.55	8.30	9.50	9.88	11.07	11.46	12.65	13.84	14.23	15.42	15.80
17	9.17	10.36	9.12	10.31	10.69	11.89	12.27	13.46	14.66	15.04	16.23	16.61
18	9.98	11.17	9.93	11.12	11.51	12.70	13.08	14.28	15.47	15.85	17.05	17.43
19	10.79	11.99	10.74	11.94	12.32	13.51	13.89	15.09	16.28	16.66	17.86	18.24
20	11.61	12.80	11.56	12.75	13.13	14.33	14.71	15.90	17.10	17.48	18.67	19.05
21	12.42	13.61	12.37	13.56	13.94	15.14	15.52	16.71	17.91	18.29	19.48	19.86
22	13.23	14.42	13.18	14.37	14.76	15.95	16.33	17.53	18.72	19.10	20.30	20.68
23	14.04	15.24	13.99	15.19	15.57	16.76	17.14	18.34	19.53	19.91	21.11	21.49
24	14.86	16.05	14.81	16.00	16.38	17.58	17.96	19.15	20.35	20.73	21.92	22.30
25	15.67	16.86	15.62	16.81	17.19	18.39	18.77	19.96	21.16	21.54	22.73	23.12
26	16.48	17.68	16.43	17.63	18.01	19.20	19.58	20.78	21.97	22.35	23.55	23.93
27	17.29	18.49	17.24	18.44	18.82	20.01	20.40	21.59	22.78	23.17	0.36	0.74
28	18.11	19.30	18.06	19.25	19.63	20.83	21.21	22.40	23.60	23.98	1.17	1.55
29	18.92		18.87	20.06	20.45	21.64	22.02	23.22	0.41	0.79	1.99	2.37
30	19.73		19.68	20.88	21.26	22.45	22.83	0.03	1.22	1.60	2.80	3.18
31	20.54		20.50		22.07		23.65	0.84		2.42		3.99

TABLE 1 (CONTINUED) LUNAR PHASE MU

YEAR 1963

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	4.80	6.00	4.76	5.95	6.33	7.53	7.91	9.10	10.29	10.68	11.87	12.25
2	5.62	6.81	5.57	6.76	7.14	8.34	8.72	9.91	11.11	11.49	12.68	13.06
3	6.43	7.62	6.38	7.57	7.96	9.15	9.53	10.73	11.92	12.30	13.50	13.88
4	7.24	8.44	7.19	8.39	8.77	9.96	10.34	11.54	12.73	13.11	14.31	14.69
5	8.06	9.25	8.01	9.20	9.58	10.78	11.16	12.35	13.55	13.93	15.12	15.50
6	8.87	10.06	8.82	10.01	10.39	11.59	11.97	13.16	14.36	14.74	15.93	16.32
7	9.68	10.88	9.63	10.83	11.21	12.40	12.78	13.98	15.17	15.55	16.75	17.13
8	10.49	11.69	10.44	11.64	12.02	13.21	13.60	14.79	15.98	16.37	17.56	17.94
9	11.31	12.50	11.26	12.45	12.83	14.03	14.41	15.60	16.80	17.18	18.37	18.75
10	12.12	13.31	12.07	13.26	13.65	14.84	15.22	16.42	17.61	17.99	19.19	19.57
11	12.93	14.13	12.88	14.08	14.46	15.65	16.03	17.23	18.42	18.80	20.00	20.38
12	13.74	14.94	13.69	14.89	15.27	16.47	16.85	18.04	19.23	19.62	20.81	21.19
13	14.56	15.75	14.51	15.70	16.08	17.28	17.66	18.85	20.05	20.43	21.62	22.00
14	15.37	16.56	15.32	16.51	16.90	18.09	18.47	19.67	20.86	21.24	22.44	22.82
15	16.18	17.38	16.13	17.33	17.71	18.90	19.28	20.48	21.67	22.05	23.25	23.63
16	17.00	18.19	16.95	18.14	18.52	19.72	20.10	21.29	22.49	22.87	0.06	0.44
17	17.81	19.00	17.76	18.95	19.33	20.53	20.91	22.10	23.30	23.68	0.87	1.25
18	18.62	19.82	18.57	19.77	20.15	21.34	21.72	22.92	0.11	0.49	1.69	2.07
19	19.43	20.63	19.38	20.58	20.96	22.15	22.54	23.73	0.92	1.31	2.50	2.88
20	20.25	21.44	20.20	21.39	21.77	22.97	23.35	0.54	1.74	2.12	3.31	3.69
21	21.06	22.25	21.01	22.20	22.59	23.78	0.16	1.36	2.55	2.93	4.12	4.51
22	21.87	23.07	21.82	23.02	23.40	0.59	0.97	2.17	3.36	3.74	4.94	5.32
23	22.68	23.88	22.63	23.83	0.21	1.40	1.79	2.98	4.17	4.56	5.75	6.13
24	23.50	0.69	23.45	0.64	1.02	2.22	2.60	3.79	4.99	5.37	6.56	6.94
25	0.31	1.50	0.26	1.45	1.84	3.03	3.41	4.61	5.80	6.18	7.38	7.76
26	1.12	2.32	1.07	2.27	2.65	3.84	4.22	5.42	6.61	6.99	8.19	8.57
27	1.94	3.13	1.89	3.08	3.46	4.66	5.04	6.23	7.43	7.81	9.00	9.38
28	2.75	3.94	2.70	3.89	4.27	5.47	5.85	7.04	8.24	8.62	9.81	10.20
29	3.56		3.51	4.71	5.09	6.28	6.66	7.86	9.05	9.43	10.63	11.01
30	4.37		4.32	5.52	5.90	7.09	7.48	8.67	9.86	10.25	11.44	11.82
31	5.19		5.14		6.71		8.29	9.48		11.06		12.63

TABLE 1 (CONTINUED) LUNAR PHASE MU

YEAR 1964

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	13.45	14.64	14.21	15.40	15.79	16.98	17.36	18.56	19.75	20.13	21.33	21.71
2	14.26	15.45	15.02	16.22	16.60	17.79	18.17	19.37	20.56	20.94	22.14	22.52
3	15.07	16.27	15.83	17.03	17.41	18.60	18.99	20.18	21.37	21.76	22.95	23.33
4	15.88	17.08	16.65	17.84	18.22	19.42	19.80	20.99	22.19	22.57	23.76	0.14
5	16.70	17.89	17.46	18.65	19.04	20.23	20.61	21.81	23.00	23.38	0.58	0.96
6	17.51	18.70	18.27	19.47	19.85	21.04	21.42	22.62	23.81	0.19	1.39	1.77
7	18.32	19.52	19.09	20.28	20.66	21.86	22.24	23.43	0.63	1.01	2.20	2.58
8	19.14	20.33	19.90	21.09	21.47	22.67	23.05	0.24	1.44	1.82	3.01	3.40
9	19.95	21.14	20.71	21.91	22.29	23.48	23.86	1.06	2.25	2.63	3.83	4.21
10	20.76	21.96	21.52	22.72	23.10	0.29	0.68	1.87	3.06	3.45	4.64	5.02
11	21.57	22.77	22.34	23.53	23.91	1.11	1.49	2.68	3.88	4.26	5.45	5.83
12	22.39	23.58	23.15	0.34	0.72	1.92	2.30	3.49	4.69	5.07	6.26	6.65
13	23.20	0.39	23.96	1.16	1.54	2.73	3.11	4.31	5.50	5.88	7.08	7.46
14	0.01	1.21	0.77	1.97	2.35	3.54	3.93	5.12	6.31	6.70	7.89	8.27
15	0.82	2.02	1.59	2.78	3.16	4.36	4.74	5.93	7.13	7.51	8.70	9.08
16	1.64	2.83	2.40	3.59	3.98	5.17	5.55	6.75	7.94	8.32	9.52	9.90
17	2.45	3.64	3.21	4.41	4.79	5.98	6.36	7.56	8.75	9.13	10.33	10.71
18	3.26	4.46	4.03	5.22	5.60	6.80	7.18	8.37	9.57	9.95	11.14	11.52
19	4.08	5.27	4.84	6.03	6.41	7.61	7.99	9.18	10.38	10.76	11.95	12.34
20	4.89	6.08	5.65	6.85	7.23	8.42	8.80	10.00	11.19	11.57	12.77	13.15
21	5.70	6.90	6.46	7.66	8.04	9.23	9.62	10.81	12.00	12.39	13.58	13.96
22	6.51	7.71	7.28	8.47	8.85	10.05	10.43	11.62	12.82	13.20	14.39	14.77
23	7.33	8.52	8.09	9.28	9.66	10.86	11.24	12.43	13.63	14.01	15.20	15.59
24	8.14	9.33	8.90	10.10	10.48	11.67	12.05	13.25	14.44	14.82	16.02	16.40
25	8.95	10.15	9.71	10.91	11.29	12.48	12.87	14.06	15.25	15.64	16.83	17.21
26	9.76	10.96	10.53	11.72	12.10	13.30	13.68	14.87	16.07	16.45	17.64	18.02
27	10.58	11.77	11.34	12.53	12.92	14.11	14.49	15.69	16.88	17.26	18.46	18.84
28	11.39	12.58	12.15	13.35	13.73	14.92	15.30	16.50	17.69	18.07	19.27	19.65
29	12.20	13.40	12.97	14.16	14.54	15.74	16.12	17.31	18.51	18.89	20.08	20.46
30	13.02		13.78	14.97	15.35	16.55	16.93	18.12	19.32	19.70	20.89	21.28
31	13.83		14.59		16.17		17.74	18.94		20.51		22.09

TABLE 1 (CONTINUED) LUNAR PHASE MU

YEAR 1965

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	22.90	0.09	22.85	0.05	0.43	1.62	2.00	3.20	4.39	4.77	5.97	6.35
2	23.71	0.91	23.66	0.86	1.24	2.43	2.82	4.01	5.20	5.59	6.78	7.16
3	0.33	1.72	0.48	1.67	2.05	3.25	3.63	4.82	6.02	6.40	7.59	7.97
4	1.34	2.53	1.29	2.48	2.86	4.06	4.44	5.63	6.83	7.21	8.40	8.79
5	2.15	3.35	2.10	3.30	3.68	4.87	5.25	6.45	7.64	8.02	9.22	9.60
6	2.96	4.16	2.91	4.11	4.49	5.68	6.07	7.26	8.45	8.84	10.03	10.41
7	3.78	4.97	3.73	4.92	5.30	6.50	6.88	8.07	9.27	9.65	10.84	11.22
8	4.59	5.78	4.54	5.73	6.12	7.31	7.69	8.89	10.08	10.46	11.66	12.04
9	5.40	6.60	5.35	6.55	6.93	8.12	8.50	9.70	10.89	11.27	12.47	12.85
10	6.22	7.41	6.17	7.36	7.74	8.94	9.32	10.51	11.71	12.09	13.28	13.66
11	7.03	8.22	6.98	8.17	8.55	9.75	10.13	11.32	12.52	12.90	14.09	14.48
12	7.84	9.03	7.79	8.99	9.37	10.56	10.94	12.14	13.33	13.71	14.91	15.29
13	8.65	9.85	8.80	9.80	10.18	11.37	11.76	12.95	14.14	14.52	15.72	16.10
14	9.47	10.66	9.42	10.61	10.99	12.19	12.57	13.76	14.96	15.34	16.53	16.91
15	10.28	11.47	10.23	11.42	11.80	13.00	13.38	14.57	15.77	16.15	17.34	17.73
16	11.09	12.29	11.04	12.24	12.62	13.81	14.19	15.39	16.58	16.96	18.16	18.54
17	11.90	13.10	11.85	13.05	13.43	14.62	15.01	16.20	17.39	17.78	18.97	19.35
18	12.72	13.91	12.67	13.86	14.24	15.44	15.82	17.01	18.21	18.59	19.78	20.16
19	13.53	14.72	13.48	14.67	15.06	16.25	16.63	17.83	19.02	19.40	20.60	20.98
20	14.34	15.54	14.29	15.49	15.87	17.06	17.44	18.64	19.83	20.21	21.41	21.79
21	15.15	16.35	15.11	16.30	16.68	17.88	18.26	19.45	20.65	21.03	22.22	22.60
22	15.97	17.16	15.92	17.11	17.49	18.69	19.07	20.26	21.46	21.84	23.03	23.42
23	16.78	17.97	16.73	17.92	18.31	19.50	19.88	21.08	22.27	22.65	23.85	0.23
24	17.59	18.79	17.54	18.74	19.12	20.31	20.69	21.89	23.08	23.46	0.66	1.04
25	18.41	19.60	18.36	19.55	19.93	21.13	21.51	22.70	23.90	0.28	1.47	1.85
26	19.22	20.41	19.17	20.36	20.74	21.94	22.32	23.51	0.71	1.09	2.28	2.67
27	20.03	21.23	19.98	21.18	21.56	22.75	23.13	0.33	1.52	1.90	3.10	3.48
28	20.84	22.04	20.79	21.99	22.37	23.56	23.95	1.14	2.33	2.72	3.91	4.29
29	21.66		21.61	22.80	23.18	0.38	0.76	1.95	3.15	3.53	4.72	5.10
30	22.47		22.42	23.61	24.00	1.19	1.57	2.77	3.96	4.34	5.54	5.92
31	23.28		23.23		0.81		2.38	3.58		5.15		6.73

TABLE 1 (CONTINUED) LUNAR PHASE MU

YEAR 1966

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	7.54	8.74	7.49	8.69	9.07	10.26	10.64	11.84	13.03	13.41	14.61	14.99
2	8.36	9.55	8.31	9.50	9.88	11.06	11.46	12.65	13.85	14.23	15.42	15.80
3	9.17	10.36	9.12	10.31	10.69	11.89	12.27	13.46	14.66	15.04	16.23	16.62
4	9.98	11.17	9.93	11.13	11.51	12.70	13.08	14.28	15.47	15.85	17.05	17.43
5	10.79	11.99	10.74	11.94	12.32	13.51	13.89	15.09	16.28	16.66	17.86	18.24
6	11.61	12.80	11.56	12.75	13.13	14.33	14.71	15.90	17.10	17.48	18.67	19.05
7	12.42	13.61	12.37	13.56	13.94	15.14	15.52	16.71	17.91	18.29	19.48	19.87
8	13.23	14.43	13.18	14.38	14.76	15.95	16.33	17.53	18.72	19.10	20.30	20.68
9	14.04	15.24	13.99	15.19	15.57	16.76	17.15	18.34	19.53	19.92	21.11	21.49
10	14.86	16.05	14.81	16.00	16.38	17.58	17.96	19.15	20.35	20.73	21.92	22.30
11	15.67	16.86	15.62	16.81	17.20	18.39	18.77	19.97	21.16	21.54	22.74	23.12
12	16.48	17.68	16.43	17.63	18.01	19.20	19.58	20.78	21.97	22.35	23.55	23.93
13	17.29	18.49	17.25	18.44	18.82	20.02	20.40	21.59	22.79	23.17	0.36	0.74
14	18.11	19.30	18.06	19.25	19.63	20.83	21.21	22.40	23.60	23.98	1.17	1.56
15	18.92	20.11	18.87	20.06	20.45	21.64	22.02	23.22	0.41	0.79	1.99	2.37
16	19.73	20.93	19.68	20.88	21.26	22.45	22.83	0.03	1.22	1.60	2.80	3.18
17	20.55	21.74	20.50	21.69	22.07	23.27	23.65	0.84	2.04	2.42	3.61	3.99
18	21.36	22.55	21.31	22.50	22.88	0.08	0.46	1.65	2.85	3.23	4.42	4.81
19	22.17	23.37	22.12	23.32	23.70	0.89	1.27	2.47	3.66	4.04	5.24	5.62
20	22.98	0.18	22.93	0.13	0.51	1.70	2.09	3.28	4.47	4.86	6.05	6.43
21	23.80	0.99	23.75	0.94	1.32	2.52	2.90	4.09	5.29	5.67	6.86	7.24
22	0.61	1.00	0.96	1.75	2.14	3.33	3.71	4.91	6.10	6.48	7.68	8.06
23	1.42	2.82	1.37	2.57	2.95	4.14	4.52	5.72	6.91	7.29	8.49	8.87
24	2.23	3.43	2.19	3.38	3.76	4.95	5.34	6.53	7.72	8.11	9.30	9.68
25	3.05	4.24	3.00	4.19	4.57	5.77	6.15	7.34	8.54	8.92	10.11	10.49
26	3.86	5.05	3.81	5.00	5.39	6.58	6.96	8.16	9.35	9.73	10.93	11.31
27	4.67	5.87	4.62	5.82	6.20	7.39	7.77	8.97	10.16	10.54	11.74	12.12
28	5.49	6.68	5.44	6.63	7.01	8.21	8.59	9.78	10.98	11.36	12.55	12.93
29	6.30		6.25	7.44	7.82	9.02	9.40	10.59	11.79	12.17	13.36	13.75
30	7.11		7.06	8.26	8.64	9.83	10.21	11.41	12.60	12.98	14.18	14.56
31	7.92		7.87		9.45		11.03	12.22		13.80		15.37

TABLE 1 (CONTINUED) LUNAR PHASE MU

YEAR 1967

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	16.18	17.38	16.13	17.33	17.71	18.90	19.29	20.48	21.67	22.06	23.25	23.63
2	17.00	18.19	16.95	18.14	18.52	19.72	20.10	21.29	22.49	22.87	0.06	0.44
3	17.81	19.00	17.76	18.95	19.34	20.53	20.91	22.11	23.30	23.68	0.88	1.26
4	18.62	19.82	18.57	19.77	20.15	21.34	21.72	22.92	0.11	0.49	1.69	2.07
5	19.43	20.63	19.38	20.58	20.96	22.15	22.54	23.73	0.92	1.31	2.50	2.88
6	20.25	21.44	20.20	21.39	21.77	22.97	23.35	0.54	1.74	2.12	3.31	3.69
7	21.06	22.25	21.01	22.20	22.59	23.78	0.16	1.36	2.55	2.93	4.13	4.51
8	21.87	23.07	21.82	23.02	23.40	0.59	0.97	2.17	3.36	3.74	4.94	5.32
9	22.69	23.88	22.64	23.83	0.21	1.41	1.79	2.98	4.18	4.56	5.75	6.13
10	23.50	0.69	23.45	0.64	1.02	2.22	2.60	3.79	4.99	5.37	6.56	6.95
11	0.31	1.51	0.26	1.46	1.84	3.03	3.41	4.61	5.80	6.18	7.38	7.76
12	1.12	2.32	1.07	2.27	2.65	3.84	4.23	5.42	6.61	7.00	8.19	8.57
13	1.94	3.13	1.89	3.08	3.46	4.66	5.04	6.23	7.43	7.81	9.00	9.38
14	2.75	3.94	2.70	3.89	4.28	5.47	5.85	7.05	8.24	8.62	9.81	10.20
15	3.56	4.76	3.51	4.71	5.09	6.28	6.66	7.86	9.05	9.43	10.63	11.01
16	4.37	5.57	4.32	5.52	5.90	7.09	7.48	8.67	9.86	10.25	11.44	11.82
17	5.19	6.38	5.14	6.33	6.71	7.91	8.29	9.48	10.68	11.06	12.25	12.63
18	6.00	7.19	5.95	7.14	7.53	8.72	9.10	10.30	11.49	11.87	13.07	13.45
19	6.81	8.01	6.76	7.96	8.34	9.53	9.91	11.11	12.30	12.68	13.88	14.26
20	7.63	8.82	7.58	8.77	9.15	10.35	10.73	11.92	13.12	13.50	14.69	15.07
21	8.44	9.63	8.39	9.58	9.96	11.16	11.54	12.73	13.93	14.31	15.50	15.88
22	9.25	10.45	9.20	10.40	10.78	11.97	12.35	13.55	14.74	15.12	16.32	16.70
23	10.06	11.26	10.01	11.21	11.59	12.78	13.17	14.36	15.55	15.94	17.13	17.51
24	10.88	12.07	10.83	12.02	12.40	13.60	13.98	15.17	16.37	16.75	17.94	18.32
25	11.69	12.88	11.64	12.83	13.22	14.41	14.79	15.99	17.18	17.56	18.75	19.14
26	12.50	13.70	12.45	13.65	14.03	15.22	15.60	16.80	17.99	18.37	19.57	19.95
27	13.31	14.51	13.26	14.46	14.84	16.03	16.42	17.61	18.80	19.19	20.38	20.76
28	14.13	15.32	14.08	15.27	15.65	16.85	17.23	18.42	19.62	20.00	21.19	21.57
29	14.94		14.89	16.08	16.47	17.66	18.04	19.24	20.43	20.81	22.01	22.39
30	15.75		15.70	16.90	17.28	18.47	18.85	20.05	21.24	21.62	22.82	23.20
31	16.57		16.52		18.09		19.67	20.86		22.44		0.01

TABLE 1 (CONTINUED) LUNAR PHASE MU

YEAR 1968

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	0.03	2.02	1.59	2.78	3.16	4.36	4.74	5.93	7.13	7.51	8.70	9.09
2	1.04	2.03	2.40	3.60	3.98	5.17	5.55	6.75	7.94	8.32	9.52	9.90
3	2.45	3.65	3.21	4.41	4.79	5.98	6.37	7.56	8.75	9.14	10.33	10.71
4	3.26	4.46	4.03	5.22	5.60	6.80	7.18	8.37	9.57	9.95	11.14	11.52
5	4.08	5.27	4.84	6.03	6.42	7.61	7.99	9.18	10.38	10.76	11.95	12.34
6	4.89	6.08	5.65	6.85	7.23	8.42	8.80	10.00	11.19	11.57	12.77	13.15
7	5.70	6.90	6.46	7.66	8.04	9.23	9.62	10.81	12.00	12.39	13.58	13.96
8	6.51	7.71	7.28	8.47	8.85	10.05	10.43	11.62	12.82	13.20	14.39	14.77
9	7.33	8.52	8.09	9.28	9.67	10.86	11.24	12.44	13.63	14.01	15.21	15.59
10	8.14	9.33	8.90	10.10	10.48	11.67	12.05	13.25	14.44	14.82	16.02	16.40
11	8.95	10.15	9.72	10.91	11.29	12.49	12.87	14.06	15.26	15.64	16.83	17.21
12	9.77	10.96	10.53	11.72	12.10	13.30	13.68	14.87	16.07	16.45	17.64	18.03
13	10.58	11.77	11.34	12.54	12.92	14.11	14.49	15.69	16.88	17.26	18.46	18.84
14	11.39	12.59	12.15	13.35	13.73	14.92	15.31	16.50	17.69	18.08	19.27	19.65
15	12.20	13.40	12.97	14.16	14.54	15.74	16.12	17.31	18.51	18.89	20.08	20.46
16	13.02	14.21	13.78	14.97	15.35	16.55	16.93	18.12	19.32	19.70	20.89	21.28
17	13.83	15.02	14.59	15.79	16.17	17.36	17.74	18.94	20.13	20.51	21.71	22.09
18	14.64	15.84	15.40	16.60	16.98	18.17	18.56	19.75	20.94	21.33	22.52	22.90
19	15.45	16.65	16.22	17.41	17.79	18.99	19.37	20.56	21.76	22.14	23.33	23.71
20	16.27	17.46	17.03	18.22	18.61	19.80	20.18	21.38	22.57	22.95	0.15	0.53
21	17.08	18.27	17.84	19.04	19.42	20.61	20.99	22.19	23.38	23.76	0.96	1.34
22	17.89	19.09	18.66	19.85	20.23	21.43	21.81	23.00	0.20	0.58	1.77	2.15
23	18.71	19.90	19.47	20.66	21.04	22.24	22.62	23.81	1.01	1.39	2.58	2.97
24	19.52	20.71	20.28	21.48	21.86	23.05	23.43	0.63	1.82	2.20	3.40	3.78
25	20.33	21.52	21.09	22.29	22.67	23.86	0.24	1.44	2.63	3.02	4.21	4.59
26	21.14	22.34	21.91	23.10	23.48	0.66	1.06	2.25	3.45	3.83	5.02	5.40
27	21.96	23.15	22.72	23.91	0.29	1.49	1.87	3.06	4.26	4.64	5.83	6.22
28	22.77	23.96	23.53	0.73	1.11	2.30	2.68	3.88	5.07	5.45	6.65	7.03
29	23.58	0.78	0.34	1.54	1.92	3.11	3.50	4.69	5.88	6.27	7.46	7.84
30	0.39		1.16	2.35	2.73	3.93	4.31	5.50	6.70	7.08	8.27	8.65
31	1.21		1.97		3.55		5.12	6.32		7.89		9.47

TABLE 1 (CONTINUED) LUNAR PHASE MU

YEAR 1969

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	10.28	11.47	10.23	11.42	11.81	13.00	13.38	14.58	15.77	16.15	17.35	17.73
2	11.09	12.29	11.04	12.24	12.62	13.81	14.19	15.39	16.58	16.96	18.16	18.54
3	11.91	13.10	11.86	13.05	13.43	14.63	15.01	16.20	17.40	17.78	18.97	19.35
4	12.72	13.91	12.67	13.86	14.24	15.44	15.82	17.01	18.21	18.59	19.78	20.17
5	13.53	14.72	13.48	14.67	15.06	16.25	16.63	17.83	19.02	19.40	20.60	20.98
6	14.34	15.54	14.29	15.49	15.87	17.06	17.45	18.64	19.83	20.21	21.41	21.79
7	15.16	16.35	15.11	16.30	16.68	17.88	18.26	19.45	20.65	21.03	22.22	22.60
8	15.97	17.16	15.92	17.11	17.49	18.69	19.07	20.26	21.46	21.84	23.03	23.42
9	16.78	17.96	16.73	17.93	18.31	19.50	19.88	21.08	22.27	22.65	23.85	0.23
10	17.59	18.79	17.54	18.74	19.12	20.31	20.70	21.89	23.08	23.47	0.66	1.04
11	18.41	19.60	18.36	19.55	19.93	21.13	21.51	22.70	23.90	0.28	1.47	1.85
12	19.22	20.41	19.17	20.36	20.75	21.94	22.32	23.52	0.71	1.09	2.29	2.67
13	20.03	21.23	19.98	21.18	21.56	22.75	23.13	0.33	1.52	1.90	3.10	3.48
14	20.85	22.04	20.80	21.99	22.37	23.57	23.95	1.14	2.34	2.72	3.91	4.29
15	21.66	22.85	21.61	22.80	23.18	0.38	0.76	1.95	3.15	3.53	4.72	5.11
16	22.47	23.66	22.42	23.61	24.00	1.19	1.57	2.77	3.96	4.34	5.54	5.92
17	23.28	0.48	23.23	0.43	0.81	2.00	2.39	3.58	4.77	5.15	6.35	6.73
18	0.10	1.29	0.05	1.24	1.62	2.82	3.20	4.39	5.59	5.97	7.16	7.54
19	0.91	2.10	0.86	2.05	2.43	3.63	4.01	5.20	6.40	6.78	7.97	8.36
20	1.72	2.92	1.67	2.87	3.25	4.44	4.82	6.02	7.21	7.59	8.79	9.17
21	2.53	3.73	2.48	3.68	4.06	5.25	5.64	6.83	8.02	8.41	9.60	9.98
22	3.35	4.54	3.30	4.49	4.87	6.07	6.45	7.64	8.84	9.22	10.41	10.79
23	4.16	5.35	4.11	5.30	5.69	6.88	7.26	8.46	9.65	10.03	11.23	11.61
24	4.97	6.17	4.92	6.12	6.50	7.69	8.07	9.27	10.46	10.84	12.04	12.42
25	5.78	6.98	5.74	6.93	7.31	8.51	8.89	10.08	11.28	11.66	12.85	13.23
26	6.60	7.79	6.55	7.74	8.12	9.32	9.70	10.89	12.09	12.47	13.66	14.04
27	7.41	8.60	7.36	8.55	8.94	10.13	10.51	11.71	12.90	13.28	14.48	14.86
28	8.22	9.42	8.17	9.37	9.75	10.94	11.32	12.52	13.71	14.09	15.29	15.67
29	9.04		8.99	10.18	10.56	11.76	12.14	13.33	14.53	14.91	16.10	16.48
30	9.85		9.80	10.99	11.37	12.57	12.95	14.14	15.34	15.72	16.91	17.30
31	10.66		10.61		12.19		13.76	14.96		16.53		16.11

TABLE 1 (CONTINUED) LUNAR PHASE MU

YEAR 1970

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	18.92	20.12	18.87	20.07	20.45	21.64	22.02	23.22	0.41	0.79	1.99	2.37
2	19.73	20.93	19.68	20.88	21.26	22.45	22.84	0.03	1.22	1.61	2.80	3.18
3	20.55	21.74	20.50	21.69	22.07	23.27	23.65	0.84	2.04	2.42	3.61	3.99
4	21.36	22.55	21.31	22.50	22.89	0.08	0.46	1.66	2.85	3.23	4.43	4.81
5	22.17	23.37	22.12	23.32	23.70	0.89	1.27	2.47	3.66	4.04	5.24	5.62
6	22.98	0.18	22.94	0.13	0.51	1.71	2.09	3.28	4.47	4.86	6.05	6.43
7	23.80	0.99	23.75	0.94	1.32	2.52	2.90	4.09	5.29	5.67	6.86	7.25
8	0.61	1.80	0.96	1.75	2.14	3.33	3.71	4.91	6.10	6.48	7.68	8.06
9	1.42	2.62	1.57	2.57	2.95	4.14	4.52	5.72	6.91	7.29	8.49	8.87
10	2.24	3.43	2.19	3.38	3.76	4.96	5.34	6.53	7.73	8.11	9.30	9.68
11	3.05	4.24	3.00	4.19	4.57	5.77	6.15	7.34	8.54	8.92	10.11	10.50
12	3.86	5.06	3.81	5.01	5.39	6.58	6.96	8.16	9.35	9.73	10.93	11.31
13	4.67	5.87	4.62	5.82	6.20	7.39	7.78	8.97	10.16	10.55	11.74	12.12
14	5.49	6.68	5.44	6.63	7.01	8.21	8.59	9.78	10.98	11.36	12.55	12.93
15	6.30	7.49	6.25	7.44	7.83	9.02	9.40	10.60	11.79	12.17	13.37	13.75
16	7.11	8.31	7.06	8.26	8.64	9.83	10.21	11.41	12.60	12.98	14.18	14.56
17	7.92	9.12	7.88	9.07	9.45	10.64	11.03	12.22	13.41	13.80	14.99	15.37
18	8.74	9.93	8.69	9.88	10.26	11.46	11.84	13.03	14.23	14.61	15.80	16.18
19	9.55	10.74	9.50	10.69	11.08	12.27	12.65	13.85	15.04	15.42	16.62	17.00
20	10.36	11.56	10.31	11.51	11.89	13.08	13.46	14.66	15.85	16.23	17.43	17.81
21	11.18	12.37	11.13	12.32	12.70	13.90	14.28	15.47	16.67	17.05	18.24	18.62
22	11.99	13.18	11.94	13.13	13.51	14.71	15.09	16.28	17.48	17.86	19.05	19.44
23	12.80	14.00	12.75	13.95	14.33	15.52	15.90	17.10	18.29	18.67	19.87	20.25
24	13.61	14.81	13.56	14.76	15.14	16.33	16.72	17.91	19.10	19.49	20.68	21.06
25	14.43	15.62	14.38	15.57	15.95	17.15	17.53	18.72	19.92	20.30	21.49	21.87
26	15.24	16.43	15.19	16.38	16.77	17.96	18.34	19.54	20.73	21.11	22.31	22.69
27	16.05	17.25	16.00	17.20	17.58	18.77	19.15	20.35	21.54	21.92	23.12	23.50
28	16.86	18.06	16.82	18.01	18.39	19.58	19.97	21.16	22.35	22.74	23.93	0.31
29	17.68		17.63	18.62	19.20	20.40	20.78	21.97	23.17	23.55	0.74	1.12
30	18.49		18.44	19.63	20.02	21.21	21.59	22.79	23.98	0.36	1.56	1.94
31	19.30		19.25		20.83		22.40	23.80		1.17		2.75

TABLE 1 (CONTINUED) LUNAR PHASE MU

YEAR 1971

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	3.96	4.76	3.51	4.71	5.09	6.28	6.66	7.86	9.05	9.43	10.63	11.01
2	4.38	5.57	4.33	5.52	5.90	7.10	7.48	8.67	9.87	10.25	11.44	11.82
3	5.19	6.38	5.14	6.33	6.71	7.91	8.29	9.48	10.68	11.06	12.25	12.64
4	6.00	7.20	5.95	7.15	7.53	8.72	9.10	10.30	11.49	11.87	13.07	13.45
5	6.81	8.01	6.76	7.96	8.34	9.53	9.92	11.11	12.30	12.68	13.88	14.26
6	7.63	8.82	7.58	8.77	9.15	10.35	10.73	11.92	13.12	13.50	14.69	15.07
7	8.44	9.63	8.39	9.58	9.97	11.16	11.54	12.74	13.93	14.31	15.50	15.89
8	9.25	10.45	9.20	10.40	10.78	11.97	12.35	13.55	14.74	15.12	16.32	16.70
9	10.06	11.26	10.01	11.21	11.59	12.78	13.17	14.36	15.55	15.94	17.13	17.51
10	10.88	12.07	10.83	12.02	12.40	13.60	13.98	15.17	16.37	16.75	17.94	18.32
11	11.69	12.88	11.64	12.83	13.22	14.41	14.79	15.99	17.18	17.56	18.76	19.14
12	12.50	13.70	12.45	13.65	14.03	15.22	15.60	16.80	17.99	18.37	19.57	19.95
13	13.32	14.51	13.27	14.46	14.84	16.04	16.42	17.61	18.81	19.19	20.38	20.76
14	14.13	15.32	14.08	15.27	15.65	16.85	17.23	18.42	19.62	20.00	21.19	21.56
15	14.94	16.14	14.89	16.09	16.47	17.66	18.04	19.24	20.43	20.81	22.01	22.38
16	15.75	16.95	15.70	16.90	17.28	18.47	18.85	20.05	21.24	21.63	22.82	23.20
17	16.57	17.76	16.52	17.71	18.09	19.29	19.67	20.86	22.06	22.44	23.63	0.01
18	17.38	18.57	17.33	18.52	18.90	20.10	20.48	21.68	22.87	23.25	0.44	0.83
19	18.19	19.39	18.14	19.34	19.72	20.91	21.29	22.49	23.68	0.06	1.26	1.64
20	19.00	20.20	18.95	20.15	20.53	21.72	22.11	23.30	0.49	0.88	2.07	2.45
21	19.82	21.01	19.77	20.96	21.34	22.54	22.92	0.11	1.31	1.69	2.88	3.26
22	20.63	21.82	20.58	21.77	22.16	23.35	23.73	0.93	2.12	2.50	3.70	4.08
23	21.44	22.64	21.39	22.59	22.97	0.16	0.54	1.74	2.93	3.31	4.51	4.89
24	22.26	23.45	22.21	23.40	23.78	0.98	1.36	2.55	3.75	4.13	5.32	5.70
25	23.07	0.26	23.02	0.21	0.59	1.79	2.17	3.36	4.56	4.94	6.13	6.52
26	23.88	1.07	23.83	1.03	1.41	2.60	2.98	4.18	5.37	5.75	6.95	7.33
27	0.69	1.89	0.64	1.84	2.22	3.41	3.80	4.99	6.18	6.57	7.76	8.14
28	1.51	2.70	1.46	2.65	3.03	4.23	4.61	5.80	7.00	7.38	8.57	8.95
29	2.32		2.27	3.46	3.84	5.04	5.42	6.61	7.81	8.19	9.38	9.77
30	3.13		3.08	4.28	4.66	5.85	6.23	7.43	8.62	9.00	10.20	10.58
31	3.94		3.89		5.47		7.05	8.24		9.62		11.39

TABLE 1 (CONTINUED) LUNAR PHASE NU

YEAR 1972

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	12.20	13.40	12.97	14.16	14.54	15.74	16.12	17.31	16.51	18.89	20.08	20.46
2	13.02	14.21	13.78	14.97	15.36	16.55	16.93	18.13	19.32	19.70	20.90	21.28
3	13.83	15.02	14.59	15.79	16.17	17.36	17.74	18.94	20.13	20.51	21.71	22.09
4	14.64	15.84	15.41	16.60	16.98	18.18	18.56	19.75	20.95	21.33	22.52	22.90
5	15.46	16.65	16.22	17.41	17.79	18.99	19.37	20.56	21.76	22.14	23.33	23.72
6	16.27	17.46	17.03	18.23	18.61	19.80	20.18	21.38	22.57	22.95	0.15	0.53
7	17.08	18.27	17.84	19.04	19.42	20.61	21.00	22.19	23.38	23.77	0.96	1.34
8	17.89	19.09	18.66	19.85	20.23	21.43	21.81	23.00	0.20	0.58	1.77	2.15
9	18.71	19.90	19.47	20.66	21.04	22.24	22.62	23.81	1.01	1.39	2.58	2.97
10	19.52	20.71	20.28	21.48	21.86	23.05	23.43	0.63	1.62	2.20	3.40	3.78
11	20.33	21.53	21.09	22.29	22.67	23.86	0.25	1.44	2.63	3.02	4.21	4.59
12	21.14	22.34	21.91	23.10	23.48	0.68	1.06	2.25	3.45	3.83	5.02	5.40
13	21.96	23.15	22.72	23.91	0.30	1.49	1.87	3.07	4.26	4.64	5.84	6.22
14	22.77	23.96	23.53	0.73	1.11	2.30	2.68	3.88	5.07	5.45	6.65	7.03
15	23.58	0.78	0.35	1.54	1.92	3.12	3.50	4.69	5.89	6.27	7.46	7.84
16	0.40	1.59	1.16	2.35	2.73	3.93	4.31	5.50	6.70	7.08	8.27	8.66
17	1.21	2.40	1.97	3.17	3.55	4.74	5.12	6.32	7.51	7.89	9.09	9.47
18	2.02	3.21	2.78	3.98	4.36	5.55	5.93	7.13	8.32	8.70	9.90	10.28
19	2.83	4.03	3.60	4.79	5.17	6.37	6.75	7.94	9.14	9.52	10.71	11.09
20	3.65	4.84	4.41	5.60	5.98	7.18	7.56	8.75	9.95	10.33	11.52	11.91
21	4.46	5.65	5.22	6.42	6.80	7.99	8.37	9.57	10.76	11.14	12.34	12.72
22	5.27	6.47	6.03	7.23	7.61	8.80	9.19	10.38	11.57	11.95	13.15	13.53
23	6.08	7.28	6.85	8.04	8.42	9.62	10.00	11.19	12.39	12.77	13.96	14.34
24	6.90	8.09	7.66	8.85	9.24	10.43	10.81	12.01	13.20	13.58	14.78	15.16
25	7.71	8.90	8.47	9.67	10.05	11.24	11.62	12.82	14.01	14.39	15.59	15.97
26	8.52	9.72	9.29	10.48	10.86	12.06	12.44	13.63	14.83	15.21	16.40	16.78
27	9.34	10.53	10.10	11.29	11.67	12.87	13.25	14.44	15.64	16.02	17.21	17.60
28	10.15	11.34	10.91	12.11	12.49	13.68	14.06	15.26	16.45	16.83	18.03	18.41
29	10.96	12.15	11.72	12.92	13.30	14.49	14.87	16.07	17.26	17.64	18.84	19.22
30	11.77		12.54	13.73	14.11	15.31	15.69	16.88	18.08	18.46	19.65	20.03
31	12.59		13.35		14.92		16.50	17.69		19.27		20.85

TABLE 1 (CONTINUED) LUNAR PHASE NU

YEAR 1973

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	21.66	22.85	21.61	22.80	23.18	0.38	0.76	1.95	3.15	3.53	4.72	5.11
2	22.47	23.67	22.42	23.62	24.00	1.19	1.57	2.77	3.96	4.34	5.54	5.92
3	23.28	0.48	23.23	0.43	0.81	2.00	2.39	3.58	4.77	5.16	6.35	6.73
4	0.10	1.29	0.05	1.24	1.62	2.82	3.20	4.39	5.59	5.97	7.16	7.54
5	0.91	2.10	0.86	2.05	2.44	3.63	4.01	5.21	6.40	6.78	7.98	8.36
6	1.72	2.92	1.67	2.87	3.25	4.44	4.82	6.02	7.21	7.59	8.79	9.17
7	2.54	3.73	2.49	3.68	4.06	5.26	5.64	6.83	8.03	8.41	9.60	9.98
8	3.35	4.54	3.30	4.49	4.87	6.07	6.45	7.64	8.84	9.22	10.41	10.80
9	4.16	5.35	4.11	5.30	5.68	6.88	7.26	8.46	9.65	10.03	11.23	11.61
10	4.97	6.17	4.92	6.12	6.50	7.69	8.07	9.27	10.46	10.84	12.04	12.42
11	5.79	6.98	5.74	6.93	7.31	8.51	8.89	10.08	11.28	11.66	12.85	13.23
12	6.60	7.79	6.55	7.74	8.12	9.32	9.70	10.89	12.09	12.47	13.66	14.05
13	7.41	8.61	7.36	8.56	8.94	10.13	10.51	11.71	12.90	13.28	14.48	14.86
14	8.22	9.42	8.17	9.37	9.75	10.94	11.33	12.52	13.71	14.10	15.29	15.67
15	9.04	10.23	8.99	10.18	10.56	11.76	12.14	13.33	14.53	14.91	16.10	16.48
16	9.85	11.04	9.80	10.99	11.38	12.57	12.95	14.15	15.34	15.72	16.92	17.30
17	10.66	11.86	10.61	11.81	12.19	13.38	13.76	14.96	16.15	16.53	17.73	18.11
18	11.47	12.67	11.43	12.62	13.00	14.20	14.58	15.77	16.97	17.35	18.54	18.92
19	12.29	13.48	12.24	13.43	13.81	15.01	15.39	16.58	17.78	18.16	19.35	19.73
20	13.10	14.29	13.05	14.24	14.63	15.82	16.20	17.40	18.59	18.97	20.17	20.55
21	13.91	15.11	13.86	15.06	15.44	16.63	17.01	18.21	19.40	19.78	20.98	21.36
22	14.73	15.92	14.68	15.87	16.25	17.45	17.83	19.02	20.22	20.60	21.79	22.17
23	15.54	16.73	15.49	16.68	17.06	18.26	18.64	19.83	21.03	21.41	22.60	22.99
24	16.35	17.55	16.30	17.50	17.88	19.07	19.45	20.65	21.84	22.22	23.42	23.80
25	17.16	18.36	17.11	18.31	18.69	19.88	20.27	21.46	22.65	23.04	0.23	0.61
26	17.98	19.17	17.93	19.12	19.50	20.70	21.08	22.27	23.47	23.85	1.04	1.42
27	18.79	19.98	18.74	19.93	20.32	21.51	21.89	23.09	0.28	0.66	1.86	2.24
28	19.60	20.80	19.55	20.75	21.13	22.32	22.70	23.90	1.09	1.47	2.67	3.05
29	20.41		20.37	21.56	21.94	23.13	23.52	0.71	1.90	2.29	3.48	3.86
30	21.23		21.18	22.37	22.75	23.95	0.33	1.52	2.72	3.10	4.29	4.67
31	22.04		21.99		23.57		1.14	2.34		3.91		5.49

TABLE 1 (CONTINUED) LUNAR PHASE MU

YEAR 1974

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	6.30	7.49	6.25	7.44	7.63	9.02	9.40	10.60	11.79	12.17	13.37	13.75
2	7.11	8.31	7.06	8.26	8.64	9.63	10.21	11.41	12.60	12.98	14.18	14.56
3	7.93	9.12	7.88	9.07	9.45	10.65	11.03	12.22	13.42	13.80	14.99	15.37
4	8.74	9.93	8.69	9.88	10.26	11.46	11.84	13.03	14.23	14.61	15.80	16.19
5	9.55	10.75	9.50	10.70	11.08	12.27	12.65	13.85	15.04	15.42	16.62	17.00
6	10.36	11.56	10.31	11.51	11.89	13.08	13.47	14.66	15.85	16.24	17.43	17.81
7	11.18	12.37	11.13	12.32	12.70	13.90	14.28	15.47	16.67	17.05	18.24	18.62
8	11.99	13.18	11.94	13.13	13.52	14.71	15.09	16.29	17.48	17.86	19.06	19.44
9	12.80	14.00	12.75	13.95	14.33	15.52	15.90	17.10	18.29	18.67	19.87	20.25
10	13.61	14.81	13.57	14.76	15.14	16.34	16.72	17.91	19.10	19.49	20.68	21.06
11	14.43	15.62	14.38	15.57	15.95	17.15	17.53	18.72	19.92	20.30	21.49	21.87
12	15.24	16.43	15.19	16.38	16.77	17.96	18.34	19.54	20.73	21.11	22.31	22.69
13	16.05	17.25	16.00	17.20	17.58	18.77	19.15	20.35	21.54	21.92	23.12	23.50
14	16.87	18.06	16.82	18.01	18.39	19.59	19.97	21.16	22.36	22.74	23.93	0.31
15	17.68	18.87	17.63	18.82	19.20	20.40	20.78	21.97	23.17	23.55	0.74	1.13
16	18.49	19.69	18.44	19.64	20.02	21.21	21.59	22.79	23.98	0.36	1.56	1.94
17	19.30	20.50	19.25	20.45	20.83	22.02	22.41	23.60	0.79	1.18	2.37	2.75
18	20.12	21.31	20.07	21.26	21.64	22.84	23.22	0.41	1.61	1.99	3.18	3.56
19	20.93	22.12	20.88	22.07	22.46	23.65	0.03	1.23	2.42	2.80	4.00	4.38
20	21.74	22.94	21.69	22.89	23.27	0.46	0.84	2.04	3.23	3.61	4.81	5.19
21	22.55	23.75	22.50	23.70	0.08	1.27	1.66	2.85	4.04	4.43	5.62	6.00
22	23.37	0.56	23.32	0.51	0.89	2.09	2.47	3.66	4.86	5.24	6.43	6.81
23	0.18	1.37	0.13	1.32	1.71	2.90	3.28	4.48	5.67	6.05	7.25	7.63
24	0.99	2.19	0.94	2.14	2.52	3.71	4.09	5.29	6.48	6.86	8.06	8.44
25	1.81	3.00	1.76	2.95	3.33	4.53	4.91	6.10	7.30	7.68	8.87	9.25
26	2.62	3.81	2.57	3.76	4.14	5.34	5.72	6.91	8.11	8.49	9.68	10.07
27	3.43	4.63	3.38	4.58	4.96	6.15	6.53	7.73	8.92	9.30	10.50	10.88
28	4.24	5.44	4.19	5.39	5.77	6.96	7.35	8.54	9.73	10.12	11.31	11.69
29	5.06		5.01	6.20	6.58	7.78	8.16	9.35	10.55	10.93	12.12	12.50
30	5.87		5.82	7.01	7.40	8.59	8.97	10.16	11.36	11.74	12.93	13.32
31	6.68		6.63		8.21		9.79	10.98		12.55		14.13

TABLE 1 (CONTINUED) LUNAR PHASE MU

YEAR 1975

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	14.94	16.14	14.89	16.09	16.47	17.66	18.04	19.24	20.43	20.81	22.01	22.39
2	15.75	16.95	15.70	16.90	17.28	18.47	18.86	20.05	21.24	21.63	22.82	23.20
3	16.57	17.76	16.52	17.71	18.09	19.29	19.67	20.86	22.06	22.44	23.63	0.01
4	17.38	18.57	17.33	18.52	18.91	20.10	20.48	21.68	22.87	23.25	0.45	0.83
5	18.19	19.39	18.14	19.34	19.72	20.91	21.29	22.49	23.68	0.06	1.26	1.64
6	19.01	20.20	18.96	20.15	20.53	21.73	22.11	23.30	0.50	0.88	2.07	2.45
7	19.82	21.01	19.77	20.96	21.34	22.54	22.92	0.11	1.31	1.69	2.88	3.27
8	20.63	21.83	20.58	21.78	22.16	23.35	23.73	0.93	2.12	2.50	3.70	4.08
9	21.44	22.64	21.39	22.59	22.97	0.16	0.55	1.74	2.93	3.32	4.51	4.89
10	22.26	23.45	22.21	23.40	23.78	0.98	1.36	2.55	3.75	4.13	5.32	5.70
11	23.07	0.26	23.02	0.21	0.59	1.79	2.17	3.37	4.56	4.94	6.13	6.52
12	23.88	1.08	23.83	1.03	1.41	2.60	2.98	4.18	5.37	5.75	6.95	7.33
13	0.69	1.89	0.64	1.84	2.22	3.41	3.80	4.99	6.18	6.57	7.76	8.14
14	1.51	2.70	1.46	2.65	3.03	4.23	4.61	5.80	7.00	7.38	8.57	8.95
15	2.32	3.51	2.27	3.46	3.85	5.04	5.42	6.62	7.81	8.19	9.39	9.77
16	3.13	4.33	3.08	4.28	4.66	5.85	6.23	7.43	8.62	9.00	10.20	10.58
17	3.95	5.14	3.90	5.09	5.47	6.67	7.05	8.24	9.44	9.82	11.01	11.39
18	4.76	5.95	4.71	5.90	6.28	7.48	7.86	9.05	10.25	10.63	11.82	12.21
19	5.57	6.77	5.52	6.72	7.10	8.29	8.67	9.87	11.06	11.44	12.64	13.02
20	6.38	7.58	6.33	7.53	7.91	9.10	9.49	10.68	11.87	12.26	13.45	13.83
21	7.20	8.39	7.15	8.34	8.72	9.92	10.30	11.49	12.69	13.07	14.26	14.64
22	8.01	9.20	7.96	9.15	9.53	10.73	11.11	12.30	13.50	13.88	15.07	15.46
23	8.82	10.02	8.77	9.97	10.35	11.54	11.92	13.12	14.31	14.69	15.89	16.27
24	9.63	10.83	9.58	10.78	11.16	12.35	12.74	13.93	15.12	15.51	16.70	17.08
25	10.45	11.64	10.40	11.59	11.97	13.17	13.55	14.74	15.94	16.32	17.51	17.89
26	11.26	12.45	11.21	12.40	12.79	13.98	14.36	15.56	16.75	17.13	18.33	18.71
27	12.07	13.27	12.02	13.22	13.60	14.79	15.17	16.37	17.56	17.94	19.14	19.52
28	12.89	14.08	12.84	14.03	14.41	15.61	15.99	17.18	18.38	18.76	19.95	20.33
29	13.70		13.65	14.84	15.22	16.42	16.80	17.99	19.19	19.57	20.76	21.15
30	14.51		14.46	15.66	16.04	17.23	17.61	18.81	20.00	20.38	21.58	21.96
31	15.32		15.27		16.45		16.83	18.02		21.20		22.77

TABLE 1 (CONTINUED) LUNAR PHASE NU

YEAR 1976

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	23.58	0.78	0.35	1.54	1.92	3.12	3.50	4.69	5.89	6.27	7.46	7.84
2	0.40	1.59	1.16	2.35	2.73	3.93	4.31	5.50	6.70	7.08	8.27	8.66
3	1.21	2.40	1.97	3.17	3.55	4.74	5.12	6.32	7.51	7.89	9.09	9.47
4	2.02	3.22	2.78	3.98	4.36	5.55	5.94	7.13	8.32	8.71	9.90	10.28
5	2.83	4.03	3.60	4.79	5.17	6.37	6.75	7.94	9.14	9.52	10.71	11.09
6	3.65	4.84	4.41	5.60	5.99	7.18	7.56	8.76	9.95	10.33	11.53	11.91
7	4.46	5.65	5.22	6.42	6.80	7.99	8.37	9.57	10.76	11.14	12.34	12.72
8	5.27	6.47	6.04	7.23	7.61	8.81	9.19	10.38	11.58	11.96	13.15	13.53
9	6.09	7.28	6.85	8.04	8.42	9.62	10.00	11.19	12.39	12.77	13.96	14.35
10	6.90	8.09	7.66	8.86	9.24	10.43	10.81	12.01	13.20	13.58	14.78	15.16
11	7.71	8.90	8.47	9.67	10.05	11.24	11.63	12.82	14.01	14.39	15.59	15.97
12	8.52	9.72	9.29	10.48	10.86	12.06	12.44	13.63	14.83	15.21	16.40	16.78
13	9.34	10.53	10.10	11.29	11.67	12.87	13.25	14.44	15.64	16.02	17.21	17.60
14	10.15	11.34	10.91	12.11	12.49	13.68	14.06	15.26	16.45	16.83	18.03	18.41
15	10.96	12.16	11.72	12.92	13.30	14.49	14.88	16.07	17.26	17.65	18.84	19.22
16	11.77	12.97	12.54	13.73	14.11	15.31	15.69	16.88	18.08	18.46	19.65	20.03
17	12.59	13.78	13.35	14.54	14.93	16.12	16.50	17.70	18.89	19.27	20.47	20.85
18	13.40	14.59	14.16	15.36	15.74	16.93	17.31	18.51	19.70	20.08	21.28	21.66
19	14.21	15.41	14.98	16.17	16.55	17.75	18.13	19.32	20.52	20.90	22.09	22.47
20	15.02	16.22	15.79	16.98	17.36	18.56	18.94	20.13	21.33	21.71	22.90	23.29
21	15.84	17.03	16.60	17.80	18.18	19.37	19.75	20.95	22.14	22.52	23.72	0.10
22	16.65	17.84	17.41	18.61	18.99	20.18	20.56	21.76	22.95	23.33	0.53	0.91
23	17.46	18.66	18.23	19.42	19.80	21.00	21.38	22.57	23.77	0.15	1.34	1.72
24	18.28	19.47	19.04	20.23	20.61	21.81	22.19	23.38	0.58	0.96	2.15	2.54
25	19.09	20.28	19.85	21.05	21.43	22.62	23.00	0.20	1.39	1.77	2.97	3.35
26	19.90	21.10	20.66	21.86	22.24	23.43	23.82	1.01	2.20	2.59	3.78	4.16
27	20.71	21.91	21.48	22.67	23.05	0.25	0.63	1.82	3.02	3.40	4.59	4.97
28	21.53	22.72	22.29	23.48	23.87	1.06	1.44	2.64	3.83	4.21	5.41	5.79
29	22.34	23.53	23.10	0.30	0.68	1.87	2.25	3.45	4.64	5.02	6.22	6.60
30	23.15		23.92	1.11	1.49	2.69	3.07	4.26	5.45	5.84	7.03	7.41
31	23.96		0.73		2.30		3.68	5.07		6.65		8.23

TABLE 1 (CONTINUED) LUNAR PHASE NU

YEAR 1977

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	9.04	10.23	8.99	10.18	10.56	11.76	12.14	13.33	14.53	14.91	16.10	16.49
2	9.85	11.04	9.80	10.99	11.38	12.57	12.95	14.15	15.34	15.72	16.92	17.30
3	10.66	11.86	10.61	11.81	12.19	13.38	13.76	14.96	16.15	16.53	17.73	18.11
4	11.48	12.67	11.43	12.62	13.00	14.20	14.58	15.77	16.97	17.35	18.54	18.92
5	12.29	13.48	12.24	13.43	13.81	15.01	15.39	16.58	17.78	18.16	19.35	19.74
6	13.10	14.30	13.05	14.25	14.63	15.82	16.20	17.40	18.59	18.97	20.17	20.55
7	13.91	15.11	13.86	15.06	15.44	16.63	17.02	18.21	19.40	19.79	20.98	21.36
8	14.73	15.92	14.68	15.87	16.25	17.45	17.83	19.02	20.22	20.60	21.79	22.17
9	15.54	16.73	15.49	16.68	17.07	18.26	18.64	19.84	21.03	21.41	22.61	22.99
10	16.35	17.55	16.30	17.50	17.88	19.07	19.45	20.65	21.84	22.22	23.42	23.80
11	17.16	18.36	17.12	18.31	18.69	19.88	20.27	21.46	22.66	23.04	0.23	0.61
12	17.98	19.17	17.93	19.12	19.50	20.70	21.08	22.27	23.47	23.85	1.04	1.42
13	18.79	19.98	18.74	19.93	20.32	21.51	21.89	23.09	0.28	0.66	1.86	2.24
14	19.60	20.80	19.55	20.75	21.13	22.32	22.70	23.90	1.09	1.47	2.67	3.05
15	20.42	21.61	20.37	21.56	21.94	23.14	23.52	0.71	1.91	2.29	3.48	3.86
16	21.23	22.42	21.18	22.37	22.75	23.95	0.33	1.52	2.72	3.10	4.29	4.68
17	22.04	23.24	21.99	23.19	23.57	0.76	1.14	2.34	3.53	3.91	5.11	5.49
18	22.85	0.05	22.80	24.00	0.38	1.57	1.96	3.15	4.34	4.73	5.92	6.30
19	23.67	0.86	23.62	0.81	1.19	2.39	2.77	3.96	5.16	5.54	6.73	7.11
20	0.48	1.67	0.43	1.62	2.01	3.20	3.58	4.78	5.97	6.35	7.55	7.93
21	1.29	2.49	1.24	2.44	2.82	4.01	4.39	5.59	6.78	7.16	8.36	8.74
22	2.10	3.30	2.06	3.25	3.63	4.82	5.21	6.40	7.60	7.98	9.17	9.55
23	2.92	4.11	2.87	4.06	4.44	5.64	6.02	7.21	8.41	8.79	9.98	10.36
24	3.73	4.92	3.68	4.87	5.26	6.45	6.83	8.03	9.22	9.60	10.80	11.18
25	4.54	5.74	4.49	5.69	6.07	7.26	7.64	8.84	10.03	10.41	11.61	11.99
26	5.36	6.55	5.31	6.50	6.88	8.08	8.46	9.65	10.85	11.23	12.42	12.80
27	6.17	7.36	6.12	7.31	7.69	8.89	9.27	10.46	11.66	12.04	13.23	13.62
28	6.98	8.18	6.93	8.13	8.51	9.70	10.08	11.28	12.47	12.85	14.05	14.43
29	7.79		7.74	8.94	9.32	10.51	10.90	12.09	13.28	13.67	14.86	15.24
30	8.61		8.56	9.75	10.13	11.33	11.71	12.90	14.10	14.48	15.67	16.05
31	9.42		9.37		10.95		12.52	13.72		15.29		16.87

TABLE 1 (CONTINUED) LUNAR PHASE MU

YEAR 1978

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	17.66	18.87	17.63	18.82	19.21	20.40	20.78	21.98	23.17	23.55	0.75	1.13
2	18.49	19.69	18.44	19.64	20.02	21.21	21.59	22.79	23.98	0.36	1.96	1.94
3	19.30	20.50	19.25	20.45	20.83	22.03	22.41	23.60	0.79	1.16	2.37	2.75
4	20.12	21.31	20.07	21.26	21.64	22.84	23.22	0.41	1.61	1.99	3.18	3.56
5	20.93	22.12	20.88	22.07	22.46	23.65	0.03	1.23	2.42	2.80	4.00	4.38
6	21.74	22.94	21.69	22.89	23.27	0.46	0.84	2.04	3.23	3.61	4.81	5.19
7	22.56	23.75	22.51	23.70	0.08	1.28	1.66	2.85	4.05	4.43	5.62	6.00
8	23.37	0.56	23.32	0.51	0.89	2.09	2.47	3.66	4.86	5.24	6.43	6.82
9	0.18	1.38	0.13	1.33	1.71	2.90	3.28	4.48	5.67	6.05	7.25	7.63
10	0.99	2.19	0.94	2.14	2.52	3.71	4.10	5.29	6.48	6.87	8.06	8.44
11	1.81	3.00	1.76	2.95	3.33	4.53	4.91	6.10	7.30	7.68	8.87	9.25
12	2.62	3.81	2.57	3.76	4.15	5.34	5.72	6.92	8.11	8.49	9.68	10.07
13	3.43	4.63	3.38	4.58	4.96	6.15	6.53	7.73	8.92	9.30	10.50	10.88
14	4.24	5.44	4.19	5.39	5.77	6.96	7.35	8.54	9.73	10.12	11.31	11.69
15	5.06	6.25	5.01	6.20	6.58	7.78	8.16	9.35	10.55	10.93	12.12	12.50
16	5.87	7.06	5.82	7.01	7.40	8.59	8.97	10.17	11.36	11.74	12.94	13.32
17	6.68	7.88	6.63	7.83	8.21	9.40	9.78	10.98	12.17	12.55	13.75	14.13
18	7.50	8.69	7.45	8.64	9.02	10.22	10.60	11.79	12.99	13.37	14.56	14.94
19	8.31	9.50	8.26	9.45	9.83	11.03	11.41	12.60	13.80	14.18	15.37	15.76
20	9.12	10.32	9.07	10.27	10.65	11.84	12.22	13.42	14.61	14.99	16.19	16.57
21	9.93	11.13	9.88	11.08	11.46	12.65	13.04	14.23	15.42	15.81	17.00	17.38
22	10.75	11.94	10.70	11.89	12.27	13.47	13.85	15.04	16.24	16.62	17.81	18.19
23	11.56	12.75	11.51	12.70	13.09	14.28	14.66	15.85	17.05	17.43	18.62	19.01
24	12.37	13.57	12.32	13.52	13.90	15.09	15.47	16.67	17.86	18.24	19.44	19.82
25	13.18	14.38	13.13	14.33	14.71	15.90	16.29	17.48	18.67	19.06	20.25	20.63
26	14.00	15.19	13.95	15.14	15.52	16.72	17.10	18.29	19.49	19.87	21.06	21.44
27	14.81	16.00	14.76	15.95	16.34	17.53	17.91	19.11	20.30	20.68	21.88	22.26
28	15.62	16.82	15.57	16.77	17.15	18.34	18.72	19.92	21.11	21.49	22.69	23.07
29	16.44		16.39	17.58	17.96	19.16	19.54	20.73	21.93	22.31	23.50	23.88
30	17.25		17.20	18.39	18.77	19.97	20.35	21.54	22.74	23.12	0.31	0.70
31	18.06		18.01		19.59		21.16	22.36		23.93		1.51

TABLE 1 (CONTINUED) LUNAR PHASE MU

YEAR 1979

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	2.32	3.52	2.27	3.47	3.85	5.04	5.42	6.62	7.81	8.19	9.39	9.77
2	3.13	4.33	3.08	4.28	4.66	5.85	6.24	7.43	8.62	9.01	10.20	10.58
3	3.95	5.14	3.90	5.09	5.47	6.67	7.05	8.24	9.44	9.82	11.01	11.39
4	4.76	5.95	4.71	5.90	6.28	7.48	7.86	9.05	10.25	10.63	11.82	12.21
5	5.57	6.77	5.52	6.72	7.10	8.29	8.67	9.87	11.06	11.44	12.64	13.02
6	6.38	7.58	6.33	7.53	7.91	9.10	9.49	10.68	11.87	12.26	13.45	13.83
7	7.20	8.39	7.15	8.34	8.72	9.92	10.30	11.49	12.69	13.07	14.26	14.64
8	8.01	9.20	7.96	9.15	9.54	10.73	11.11	12.31	13.50	13.88	15.08	15.46
9	8.82	10.02	8.77	9.97	10.35	11.54	11.92	13.12	14.31	14.69	15.89	16.27
10	9.64	10.83	9.59	10.78	11.16	12.36	12.74	13.93	15.13	15.51	16.70	17.08
11	10.45	11.64	10.40	11.59	11.97	13.17	13.55	14.74	15.94	16.32	17.51	17.90
12	11.26	12.46	11.21	12.41	12.79	13.98	14.36	15.56	16.75	17.13	18.33	18.71
13	12.07	13.27	12.02	13.22	13.60	14.79	15.18	16.37	17.56	17.95	19.14	19.52
14	12.89	14.08	12.84	14.03	14.41	15.61	15.99	17.18	18.38	18.76	19.95	20.33
15	13.70	14.89	13.65	14.84	15.22	16.42	16.80	17.99	19.19	19.57	20.76	21.15
16	14.51	15.71	14.46	15.66	16.04	17.23	17.61	18.81	20.00	20.38	21.58	21.96
17	15.32	16.52	15.27	16.47	16.85	18.04	18.43	19.62	20.81	21.20	22.39	22.77
18	16.14	17.33	16.09	17.28	17.66	18.86	19.24	20.43	21.63	22.01	23.20	23.58
19	16.95	18.14	16.90	18.09	18.48	19.67	20.05	21.25	22.44	22.82	0.02	0.40
20	17.76	18.96	17.71	18.91	19.29	20.48	20.86	22.06	23.25	23.63	0.83	1.21
21	18.58	19.77	18.53	19.72	20.10	21.30	21.68	22.87	0.07	0.45	1.64	2.02
22	19.39	20.58	19.34	20.53	20.91	22.11	22.49	23.68	0.88	1.26	2.45	2.84
23	20.20	21.39	20.15	21.35	21.73	22.92	23.30	0.50	1.69	2.07	3.27	3.65
24	21.01	22.21	20.96	22.16	22.54	23.73	0.12	1.31	2.50	2.89	4.08	4.46
25	21.83	23.02	21.78	22.97	23.35	0.55	0.93	2.12	3.32	3.70	4.89	5.27
26	22.64	23.83	22.59	23.78	0.16	1.36	1.74	2.93	4.13	4.51	5.70	6.09
27	23.45	0.65	23.40	0.60	0.98	2.17	2.55	3.75	4.94	5.32	6.52	6.90
28	0.26	1.46	0.21	1.41	1.79	2.98	3.37	4.56	5.75	6.14	7.33	7.71
29	1.08		1.03	2.22	2.60	3.80	4.18	5.37	6.57	6.95	8.14	8.52
30	1.89		1.84	3.03	3.42	4.61	4.99	6.19	7.38	7.76	8.96	9.34
31	2.70		2.65		4.23		5.80	7.00		8.57		10.15

TABLE 1 (CONTINUED) LUNAR PHASE NU

YEAR 1980

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	10.96	12.16	11.73	12.92	13.30	14.50	14.88	16.07	17.27	17.65	18.84	19.22
2	11.78	12.97	12.54	13.73	14.11	15.31	15.69	16.88	18.08	18.46	19.65	20.04
3	12.59	13.78	13.35	14.55	14.93	16.12	16.50	17.70	18.89	19.27	20.47	20.85
4	13.40	14.59	14.16	15.36	15.74	16.93	17.32	18.51	19.70	20.08	21.28	21.66
5	14.21	15.41	14.98	16.17	16.55	17.75	18.13	19.32	20.52	20.90	22.09	22.47
6	15.03	16.22	15.79	16.98	17.36	18.56	18.94	20.13	21.33	21.71	22.90	23.29
7	15.84	17.03	16.60	17.80	18.18	19.37	19.75	20.95	22.14	22.52	23.72	0.10
8	16.65	17.85	17.41	18.61	18.99	20.18	20.57	21.76	22.95	23.34	0.53	0.91
9	17.46	18.66	18.23	19.42	19.80	21.00	21.38	22.57	23.77	0.15	1.34	1.72
10	18.28	19.47	19.04	20.23	20.62	21.81	22.19	23.39	0.58	0.96	2.16	2.54
11	19.09	20.28	19.85	21.05	21.43	22.62	23.00	0.20	1.39	1.77	2.97	3.35
12	19.90	21.10	20.67	21.86	22.24	23.44	23.82	1.01	2.21	2.59	3.78	4.16
13	20.71	21.91	21.48	22.67	23.05	0.25	0.63	1.82	3.02	3.40	4.59	4.98
14	21.53	22.72	22.29	23.48	23.87	1.06	1.44	2.64	3.83	4.21	5.41	5.79
15	22.34	23.53	23.10	0.30	0.68	1.87	2.25	3.45	4.64	5.02	6.22	6.60
16	23.15	0.35	23.92	1.11	1.49	2.69	3.07	4.26	5.46	5.84	7.03	7.41
17	23.97	1.16	0.73	1.92	2.30	3.50	3.88	5.07	6.27	6.65	7.84	8.23
18	0.78	1.97	1.54	2.74	3.12	4.31	4.69	5.89	7.08	7.46	8.66	9.04
19	1.59	2.79	2.35	3.55	3.93	5.12	5.51	6.70	7.89	8.28	9.47	9.85
20	2.40	3.60	3.17	4.36	4.74	5.94	6.32	7.51	8.71	9.09	10.28	10.66
21	3.22	4.41	3.98	5.17	5.56	6.75	7.13	8.33	9.52	9.90	11.10	11.48
22	4.03	5.22	4.79	5.99	6.37	7.56	7.94	9.14	10.33	10.71	11.91	12.29
23	4.84	6.04	5.61	6.80	7.18	8.38	8.76	9.95	11.14	11.53	12.72	13.10
24	5.65	6.85	6.42	7.61	7.99	9.19	9.57	10.76	11.96	12.34	13.53	13.91
25	6.47	7.66	7.23	8.42	8.81	10.00	10.38	11.58	12.77	13.15	14.35	14.73
26	7.28	8.47	8.04	9.24	9.62	10.81	11.19	12.39	13.58	13.96	15.16	15.54
27	8.09	9.29	8.86	10.05	10.43	11.63	12.01	13.20	14.40	14.78	15.97	16.35
28	8.91	10.10	9.67	10.86	11.24	12.44	12.82	14.01	15.21	15.59	16.78	17.17
29	9.72	10.91	10.48	11.68	12.06	13.25	13.63	14.83	16.02	16.40	17.60	17.98
30	10.53		11.29	12.49	12.87	14.06	14.45	15.64	16.83	17.22	18.41	18.79
31	11.34		12.11		13.68		15.26	16.45		18.03		19.60

TABLE 1 (CONTINUED) LUNAR PHASE NU

YEAR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	20.42	21.61	20.37	21.56	21.94	23.14	23.52	0.71	1.91	2.29	3.48	3.86
2	21.23	22.42	21.18	22.37	22.76	23.95	0.33	1.53	2.72	3.10	4.30	4.68
3	22.04	23.24	21.99	23.19	23.57	0.76	1.14	2.34	3.53	3.91	5.11	5.49
4	22.85	0.05	22.81	24.00	0.38	1.58	1.96	3.15	4.35	4.73	5.92	6.30
5	23.67	0.86	23.62	0.81	1.19	2.39	2.77	3.96	5.16	5.54	6.73	7.12
6	0.48	1.67	0.43	1.62	2.01	3.20	3.58	4.78	5.97	6.35	7.55	7.93
7	1.29	2.49	1.24	2.44	2.82	4.01	4.39	5.59	6.78	7.16	8.36	8.74
8	2.11	3.30	2.06	3.25	3.63	4.83	5.21	6.40	7.60	7.98	9.17	9.55
9	2.92	4.11	2.87	4.06	4.44	5.64	6.02	7.21	8.41	8.79	9.98	10.37
10	3.73	4.93	3.68	4.88	5.26	6.45	6.83	8.03	9.22	9.60	10.80	11.18
11	4.54	5.74	4.49	5.69	6.07	7.26	7.65	8.84	10.03	10.42	11.61	11.99
12	5.36	6.55	5.31	6.50	6.88	8.08	8.46	9.65	10.85	11.23	12.42	12.80
13	6.17	7.36	6.12	7.31	7.70	8.89	9.27	10.47	11.66	12.04	13.24	13.62
14	6.98	8.18	6.93	8.13	8.51	9.70	10.08	11.28	12.47	12.85	14.05	14.43
15	7.79	8.99	7.75	8.94	9.32	10.51	10.90	12.09	13.28	13.67	14.86	15.24
16	8.61	9.80	8.56	9.75	10.13	11.33	11.71	12.90	14.10	14.48	15.67	16.05
17	9.42	10.61	9.37	10.56	10.95	12.14	12.52	13.72	14.91	15.29	16.49	16.87
18	10.23	11.43	10.18	11.38	11.76	12.95	13.33	14.53	15.72	16.10	17.30	17.68
19	11.05	12.24	11.00	12.19	12.57	13.77	14.15	15.34	16.54	16.92	18.11	18.49
20	11.86	13.05	11.81	13.00	13.38	14.58	14.96	16.15	17.35	17.73	18.92	19.31
21	12.67	13.87	12.62	13.82	14.20	15.39	15.77	16.97	18.16	18.54	19.74	20.12
22	13.48	14.68	13.43	14.63	15.01	16.20	16.59	17.78	18.97	19.36	20.55	20.93
23	14.30	15.49	14.25	15.44	15.82	17.02	17.40	18.59	19.79	20.17	21.36	21.74
24	15.11	16.30	15.06	16.25	16.64	17.83	18.21	19.41	20.60	20.98	22.18	22.56
25	15.92	17.12	15.87	17.07	17.45	18.64	19.02	20.22	21.41	21.79	22.99	23.37
26	16.73	17.93	16.68	17.88	18.26	19.45	19.84	21.03	22.22	22.61	23.80	0.18
27	17.55	18.74	17.50	18.69	19.07	20.27	20.65	21.84	23.04	23.42	0.61	0.99
28	18.36	19.55	18.31	19.50	19.89	21.08	21.46	22.66	23.85	0.23	1.43	1.81
29	19.17		19.12	20.32	20.70	21.89	22.27	23.47	0.66	1.04	2.24	2.62
30	19.99		19.94	21.13	21.51	22.71	23.09	0.28	1.48	1.86	3.05	3.43
31	20.80		20.75		22.32		23.90	1.09		2.67		4.25

TABLE 1 (CONTINUED) LUNAR PHASE NU

YEAR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	5.06	6.25	5.01	6.20	6.58	7.78	8.16	9.35	10.55	10.93	12.12	12.51
2	5.87	7.07	5.82	7.02	7.40	8.59	8.97	10.17	11.36	11.74	12.94	13.32
3	6.68	7.88	6.63	7.83	8.21	9.40	9.79	10.98	12.17	12.56	13.75	14.13
4	7.50	8.69	7.45	8.64	9.02	10.22	10.60	11.79	12.99	13.37	14.56	14.94
5	8.31	9.50	8.26	9.45	9.84	11.03	11.41	12.61	13.80	14.18	15.37	15.76
6	9.12	10.32	9.07	10.27	10.65	11.84	12.22	13.42	14.61	14.99	16.19	16.57
7	9.93	11.13	9.88	11.08	11.46	12.65	13.04	14.23	15.42	15.81	17.00	17.38
8	10.75	11.94	10.70	11.89	12.27	13.47	13.85	15.04	16.24	16.62	17.81	18.19
9	11.56	12.75	11.51	12.70	13.09	14.28	14.66	15.86	17.05	17.43	18.63	19.01
10	12.37	13.57	12.32	13.52	13.90	15.09	15.47	16.67	17.86	18.24	19.44	19.82
11	13.19	14.38	13.14	14.33	14.71	15.91	16.29	17.48	18.68	19.06	20.25	20.63
12	14.00	15.19	13.95	15.14	15.52	16.72	17.10	18.29	19.49	19.87	21.06	21.45
13	14.81	16.01	14.76	15.95	16.34	17.53	17.91	19.11	20.30	20.68	21.88	22.26
14	15.62	16.82	15.57	16.77	17.15	18.34	18.73	19.92	21.11	21.50	22.69	23.07
15	16.44	17.63	16.39	17.58	17.96	19.16	19.54	20.73	21.93	22.31	23.50	23.88
16	17.25	18.44	17.20	18.39	18.78	19.97	20.35	21.55	22.74	23.12	0.31	0.70
17	18.06	19.26	18.01	19.21	19.59	20.78	21.16	22.36	23.55	23.93	1.13	1.51
18	18.87	20.07	18.82	20.02	20.40	21.59	21.98	23.17	0.36	0.75	1.94	2.32
19	19.69	20.88	19.64	20.83	21.21	22.41	22.79	23.98	1.18	1.56	2.75	3.13
20	20.50	21.69	20.45	21.64	22.03	23.22	23.60	0.80	1.99	2.37	3.57	3.95
21	21.31	22.51	21.26	22.46	22.84	0.03	0.41	1.61	2.80	3.18	4.38	4.76
22	22.13	23.32	22.08	23.27	23.65	0.85	1.23	2.42	3.62	4.00	5.19	5.57
23	22.94	0.13	22.89	0.08	0.46	1.66	2.04	3.23	4.43	4.81	6.00	6.39
24	23.75	0.94	23.70	0.90	1.28	2.47	2.85	4.05	5.24	5.62	6.82	7.20
25	0.56	1.76	0.51	1.71	2.09	3.28	3.67	4.86	6.05	6.44	7.63	8.01
26	1.38	2.57	1.33	2.52	2.90	4.10	4.48	5.67	6.87	7.25	8.44	8.82
27	2.19	3.38	2.14	3.33	3.71	4.91	5.29	6.48	7.68	8.06	9.25	9.64
28	3.00	4.20	2.95	4.15	4.53	5.72	6.10	7.30	8.49	8.87	10.07	10.45
29	3.81		3.76	4.96	5.34	6.53	6.92	8.11	9.30	9.69	10.88	11.26
30	4.63		4.58	5.77	6.15	7.35	7.73	8.92	10.12	10.50	11.69	12.07
31	5.44		5.39		6.97		8.54	9.74		11.31		12.89

TABLE 1 (CONTINUED) LUNAR PHASE NU

YEAR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	13.70	14.89	13.65	14.84	15.23	16.42	16.80	18.00	19.19	19.57	20.77	21.15
2	14.51	15.71	14.46	15.66	16.04	17.23	17.61	18.81	20.00	20.38	21.58	21.96
3	15.33	16.52	15.28	16.47	16.85	18.05	18.43	19.62	20.82	21.20	22.39	22.77
4	16.14	17.33	16.09	17.28	17.66	18.86	19.24	20.43	21.63	22.01	23.20	23.59
5	16.95	18.14	16.90	18.10	18.48	19.67	20.05	21.25	22.44	22.82	0.02	0.40
6	17.76	18.96	17.71	18.91	19.29	20.48	20.87	22.06	23.25	23.64	0.83	1.21
7	18.58	19.77	18.53	19.72	20.10	21.30	21.68	22.87	0.07	0.45	1.64	2.02
8	19.39	20.58	19.34	20.53	20.91	22.11	22.49	23.68	0.88	1.26	2.45	2.84
9	20.20	21.40	20.15	21.35	21.73	22.92	23.30	0.50	1.69	2.07	3.27	3.65
10	21.01	22.21	20.96	22.16	22.54	23.73	0.12	1.31	2.50	2.89	4.08	4.46
11	21.83	23.02	21.78	22.97	23.35	0.55	0.93	2.12	3.32	3.70	4.89	5.27
12	22.64	23.83	22.59	23.78	0.17	1.36	1.74	2.94	4.13	4.51	5.71	6.09
13	23.45	0.65	23.40	0.80	0.98	2.17	2.55	3.75	4.94	5.32	6.52	6.90
14	0.27	1.46	0.22	1.41	1.79	2.99	3.37	4.56	5.76	6.14	7.33	7.71
15	1.08	2.27	1.03	2.22	2.60	3.80	4.18	5.37	6.57	6.95	8.14	8.53
16	1.89	3.08	1.84	3.04	3.42	4.61	4.99	6.19	7.38	7.76	8.96	9.34
17	2.70	3.90	2.65	3.85	4.23	5.42	5.80	7.00	8.19	8.58	9.77	10.15
18	3.52	4.71	3.47	4.66	5.04	6.24	6.62	7.81	9.01	9.39	10.58	10.96
19	4.33	5.52	4.28	5.47	5.85	7.05	7.43	8.62	9.82	10.20	11.39	11.78
20	5.14	6.34	5.09	6.29	6.67	7.86	8.24	9.44	10.63	11.01	12.21	12.59
21	5.95	7.15	5.90	7.10	7.48	8.67	9.06	10.25	11.44	11.83	13.02	13.40
22	6.77	7.96	6.72	7.91	8.29	9.49	9.87	11.06	12.26	12.64	13.83	14.21
23	7.58	8.77	7.53	8.72	9.11	10.30	10.68	11.88	13.07	13.45	14.65	15.03
24	8.39	9.59	8.34	9.54	9.92	11.11	11.49	12.69	13.88	14.26	15.46	15.84
25	9.21	10.40	9.16	10.35	10.73	11.93	12.31	13.50	14.70	15.08	16.27	16.65
26	10.02	11.21	9.97	11.16	11.54	12.74	13.12	14.31	15.51	15.89	17.08	17.47
27	10.83	12.02	10.78	11.98	12.36	13.55	13.93	15.13	16.32	16.70	17.90	18.28
28	11.64	12.84		13.17	14.36	14.74	15.94	17.13	17.51	18.71	19.09	
29	12.46		12.41	13.60	13.98	15.18	15.56	16.75	17.95	18.33	19.52	19.90
30	13.27		13.22	14.41	14.79	15.99	16.37	17.56	18.76	19.14	20.33	20.72
31	14.08		14.03		15.61		17.18	18.38		19.95		21.53

TABLE 1 (CONTINUED) LUNAR PHASE NU

YEAR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	22.34	23.34	23.10	0.30	0.88	1.67	2.26	3.45	4.64	5.03	6.22	6.80
2	23.15	0.35	23.92	1.11	1.49	2.89	3.07	4.26	5.46	5.84	7.03	7.41
3	23.97	1.16	0.73	1.92	2.31	3.30	3.68	5.08	6.27	6.65	7.83	8.23
4	0.78	1.97	1.54	2.74	3.12	4.31	4.69	5.89	7.08	7.46	8.66	9.04
5	1.59	2.79	2.36	3.55	3.93	5.13	5.51	6.70	7.90	8.28	9.47	9.85
6	2.41	3.60	3.17	4.36	4.74	5.94	6.32	7.51	8.71	9.09	10.28	10.66
7	3.22	4.41	3.98	5.17	5.56	6.75	7.13	8.33	9.52	9.90	11.10	11.48
8	4.03	5.22	4.79	5.99	6.37	7.56	7.94	9.14	10.33	10.71	11.91	12.29
9	4.84	6.04	5.61	6.80	7.18	8.38	8.76	9.95	11.15	11.53	12.72	13.10
10	5.66	6.85	6.42	7.61	7.99	9.19	9.57	10.76	11.96	12.34	13.53	13.92
11	6.47	7.66	7.23	8.43	8.81	10.00	10.38	11.58	12.77	13.15	14.35	14.73
12	7.28	8.48	8.04	9.24	9.62	10.81	11.20	12.39	13.58	13.97	15.16	15.54
13	8.09	9.29	8.86	10.05	10.43	11.63	12.01	13.20	14.40	14.78	15.97	16.35
14	8.91	10.10	9.67	10.86	11.25	12.44	12.82	14.02	15.21	15.59	16.79	17.17
15	9.72	10.91	10.48	11.68	12.06	13.25	13.63	14.83	16.02	16.40	17.60	17.98
16	10.53	11.73	11.30	12.49	12.87	14.07	14.45	15.64	16.84	17.22	18.41	18.79
17	11.34	12.54	12.11	13.30	13.68	14.88	15.26	16.45	17.65	18.03	19.22	19.60
18	12.16	13.35	12.92	14.11	14.50	15.69	16.07	17.27	18.46	18.84	20.04	20.42
19	12.97	14.16	13.73	14.93	15.31	16.50	16.88	18.08	19.27	19.65	20.85	21.23
20	13.78	14.98	14.55	15.74	16.12	17.32	17.70	18.89	20.09	20.47	21.66	22.04
21	14.60	15.79	15.36	16.55	16.93	18.13	18.51	19.70	20.90	21.28	22.47	22.85
22	15.41	16.60	16.17	17.37	17.75	18.94	19.32	20.52	21.71	22.09	23.29	23.67
23	16.22	17.42	16.98	18.18	18.56	19.75	20.14	21.33	22.52	22.91	0.10	0.48
24	17.03	18.23	17.80	18.99	19.37	20.57	20.95	22.14	23.34	23.72	0.91	1.29
25	17.85	19.04	18.61	19.80	20.19	21.38	21.76	22.96	0.15	0.53	1.73	2.11
26	18.66	19.85	19.42	20.62	21.00	22.19	22.57	23.77	0.96	1.34	2.54	2.92
27	19.47	20.67	20.23	21.43	21.81	23.01	23.39	0.58	1.77	2.16	3.35	3.73
28	20.28	21.48	21.05	22.24	22.62	23.82	0.20	1.39	2.59	2.97	4.16	4.54
29	21.10	22.29	21.86	23.05	23.44	0.63	1.01	2.21	3.40	3.78	4.98	5.36
30	21.91		22.67	23.87	0.25	1.44	1.82	3.02	4.21	4.59	5.79	6.17
31	22.72		23.49		1.06		2.64	3.83		5.41		6.98

TABLE 1 (CONTINUED) LUNAR PHASE NU

YEAR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	7.80	8.99	7.75	8.94	9.32	10.52	10.90	12.09	13.29	13.67	14.86	15.24
2	8.61	9.80	8.56	9.75	10.13	11.33	11.71	12.90	14.10	14.48	15.67	16.06
3	9.42	10.62	9.37	10.57	10.95	12.14	12.52	13.72	14.91	15.29	16.49	16.87
4	10.23	11.43	10.18	11.38	11.76	12.95	13.34	14.53	15.72	16.11	17.30	17.68
5	11.05	12.24	11.00	12.19	12.57	13.77	14.15	15.34	16.54	16.92	18.11	18.49
6	11.86	13.05	11.81	13.00	13.39	14.58	14.96	16.16	17.35	17.73	18.93	19.31
7	12.67	13.87	12.62	13.62	14.00	15.19	15.57	16.77	17.96	18.34	19.54	20.12
8	13.48	14.68	13.44	14.43	15.01	16.20	16.59	17.78	18.97	19.36	20.55	20.93
9	14.30	15.49	14.25	15.44	15.82	17.02	17.40	18.59	19.79	20.17	21.36	21.74
10	15.11	16.30	15.06	16.25	16.64	17.83	18.21	19.41	20.60	20.98	22.18	22.56
11	15.92	17.12	15.87	17.07	17.45	18.64	19.02	20.22	21.41	21.79	22.99	23.37
12	16.74	17.93	16.68	17.88	18.26	19.46	19.84	21.03	22.23	22.61	23.80	0.18
13	17.55	18.74	17.50	18.69	19.07	20.27	20.65	21.84	23.04	23.42	0.61	1.00
14	18.36	19.56	18.31	19.51	19.89	21.08	21.46	22.66	23.85	0.23	1.43	1.81
15	19.17	20.37	19.12	20.32	20.70	21.89	22.28	23.47	0.86	1.05	2.24	2.62
16	19.99	21.18	19.94	21.13	21.51	22.71	23.09	0.28	1.48	1.86	3.05	3.43
17	20.80	21.99	20.75	21.94	22.33	23.52	23.90	1.10	2.29	2.67	3.87	4.25
18	21.61	22.81	21.56	22.76	23.14	0.33	0.71	1.91	3.10	3.48	4.68	5.06
19	22.42	23.62	22.36	23.57	23.95	1.14	1.53	2.72	3.91	4.30	5.49	5.87
20	23.24	0.43	23.19	0.38	0.76	1.96	2.34	3.53	4.73	5.11	6.30	6.68
21	0.05	1.24	0.00	1.19	1.58	2.77	3.15	4.35	5.54	5.92	7.12	7.50
22	0.86	2.06	0.81	2.01	2.39	3.58	3.96	5.16	6.35	6.73	7.93	8.31
23	1.68	2.87	1.63	2.82	3.20	4.40	4.78	5.97	7.17	7.55	8.74	9.12
24	2.49	3.68	2.44	3.63	4.01	5.21	5.59	6.78	7.98	8.36	9.55	9.94
25	3.30	4.50	3.25	4.45	4.83	6.02	6.40	7.60	8.79	9.17	10.37	10.75
26	4.11	5.31	4.06	5.26	5.64	6.83	7.22	8.41	9.60	9.99	11.18	11.56
27	4.93	6.12	4.88	6.07	6.45	7.65	8.03	9.22	10.42	10.80	11.99	12.37
28	5.74	6.93	5.69	6.88	7.27	8.46	8.84	10.03	11.23	11.61	12.81	13.19
29	6.55		6.50	7.70	8.08	9.27	9.65	10.85	12.04	12.42	13.62	14.00
30	7.36		7.31	8.51	8.89	10.08	10.47	11.66	12.85	13.24	14.43	14.81
31	8.18		8.13		9.70		11.28	12.47		14.05		15.82

TABLE 1 (CONTINUED) LUNAR PHASE MU

YEAR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	16.44	17.63	16.39	17.58	17.96	19.16	19.54	20.73	21.93	22.31	23.50	23.88
2	17.25	18.44	17.20	18.39	18.78	19.97	20.35	21.55	22.74	23.12	0.32	0.70
3	18.06	19.26	18.01	19.21	19.59	20.78	21.16	22.36	23.55	23.93	1.13	1.51
4	18.88	20.07	18.83	20.02	20.40	21.60	21.98	23.17	0.37	0.75	1.94	2.32
5	19.69	20.88	19.64	20.83	21.21	22.41	22.79	23.98	1.18	1.56	2.75	3.14
6	20.50	21.70	20.45	21.65	22.03	23.22	23.60	0.80	1.99	2.37	3.57	3.95
7	21.31	22.51	21.26	22.46	22.84	0.03	0.42	1.61	2.80	3.19	4.38	4.76
8	22.13	23.32	22.08	23.27	23.65	0.85	1.23	2.42	3.62	4.00	5.19	5.57
9	22.94	0.13	22.89	0.08	0.46	1.66	2.04	3.24	4.43	4.81	6.00	6.39
10	23.75	0.95	23.70	0.90	1.28	2.47	2.85	4.05	5.24	5.62	6.82	7.20
11	0.56	1.76	0.51	1.71	2.09	3.28	3.67	4.86	6.05	6.44	7.63	8.01
12	1.38	2.57	1.33	2.52	2.90	4.10	4.48	5.67	6.87	7.25	8.44	8.82
13	2.19	3.38	2.14	3.33	3.72	4.91	5.29	6.49	7.68	8.06	9.26	9.64
14	3.00	4.20	2.95	4.15	4.53	5.72	6.10	7.30	8.49	8.87	10.07	10.45
15	3.82	5.01	3.77	4.96	5.34	6.54	6.92	8.11	9.31	9.69	10.88	11.26
16	4.63	5.82	4.58	5.77	6.15	7.35	7.73	8.92	10.12	10.50	11.69	12.08
17	5.44	6.63	5.39	6.59	6.97	8.16	8.54	9.74	10.93	11.31	12.51	12.89
18	6.25	7.45	6.20	7.40	7.78	8.97	9.36	10.55	11.74	12.13	13.32	13.70
19	7.07	8.26	7.02	8.21	8.59	9.79	10.17	11.36	12.56	12.94	14.13	14.51
20	7.88	9.07	7.83	9.02	9.40	10.60	10.98	12.17	13.37	13.75	14.94	15.33
21	8.69	9.89	8.64	9.84	10.22	11.41	11.79	12.99	14.18	14.56	15.76	16.14
22	9.50	10.70	9.45	10.65	11.03	12.22	12.61	13.80	14.99	15.38	16.57	16.95
23	10.32	11.51	10.27	11.46	11.84	13.04	13.42	14.61	15.81	16.19	17.38	17.76
24	11.13	12.32	11.08	12.27	12.66	13.85	14.23	15.43	16.62	17.00	18.20	18.58
25	11.94	13.14	11.89	13.09	13.47	14.66	15.04	16.24	17.43	17.81	19.01	19.39
26	12.76	13.95	12.71	13.90	14.28	15.48	15.86	17.05	18.25	18.63	19.82	20.20
27	13.57	14.76	13.52	14.71	15.09	16.29	16.67	17.86	19.06	19.44	20.63	21.02
28	14.38	15.57	14.33	15.53	15.91	17.10	17.48	18.68	19.87	20.25	21.45	21.83
29	15.19	16.38	15.14	16.34	16.72	17.91	18.30	19.49	20.68	21.06	22.26	22.64
30	16.01	17.19	16.00	17.15	17.53	18.73	19.11	20.30	21.50	21.88	23.07	23.45
31	16.82	17.99	16.77	17.94	18.34	19.54	19.92	21.11	22.31	22.69	23.88	24.27

TABLE 1 (CONTINUED) LUNAR PHASE MU

YEAR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	1.06	2.27	1.03	2.22	2.60	3.80	4.18	5.37	6.57	6.95	8.14	8.53
2	1.89	3.09	1.84	3.04	3.42	4.61	4.99	6.19	7.38	7.76	8.96	9.34
3	2.70	3.90	2.65	3.85	4.23	5.42	5.81	7.00	8.19	8.58	9.77	10.15
4	3.52	4.71	3.47	4.66	5.04	6.24	6.62	7.81	9.01	9.39	10.58	10.96
5	4.33	5.52	4.28	5.47	5.86	7.05	7.43	8.63	9.82	10.20	11.40	11.78
6	5.14	6.34	5.09	6.29	6.67	7.86	8.24	9.44	10.63	11.01	12.21	12.59
7	5.96	7.15	5.91	7.10	7.48	8.68	9.06	10.25	11.45	11.83	13.02	13.40
8	6.77	7.96	6.72	7.91	8.29	9.49	9.87	11.06	12.26	12.64	13.83	14.22
9	7.58	8.77	7.53	8.73	9.11	10.30	10.68	11.88	13.07	13.45	14.65	15.03
10	8.39	9.59	8.34	9.54	9.92	11.11	11.49	12.69	13.88	14.26	15.46	15.84
11	9.21	10.40	9.16	10.35	10.73	11.93	12.31	13.50	14.70	15.08	16.27	16.65
12	10.02	11.21	9.97	11.16	11.54	12.74	13.12	14.31	15.51	15.89	17.08	17.47
13	10.83	12.03	10.78	11.98	12.36	13.55	13.93	15.13	16.32	16.70	17.90	18.28
14	11.64	12.84	11.59	12.79	13.17	14.36	14.75	15.94	17.13	17.52	18.71	19.09
15	12.46	13.65	12.41	13.60	13.98	15.18	15.56	16.75	17.95	18.33	19.52	19.90
16	13.27	14.46	13.22	14.41	14.80	15.99	16.37	17.57	18.76	19.14	20.34	20.72
17	14.08	15.28	14.03	15.23	15.61	16.80	17.18	18.38	19.57	19.95	21.15	21.53
18	14.89	16.09	14.85	16.04	16.42	17.62	18.00	19.19	20.39	20.77	21.96	22.34
19	15.71	16.90	15.66	16.85	17.23	18.43	18.81	20.00	21.20	21.58	22.77	23.15
20	16.52	17.71	16.47	17.67	18.05	19.24	19.62	20.82	22.01	22.39	23.59	23.97
21	17.33	18.53	17.28	18.48	18.86	20.05	20.43	21.63	22.82	23.20	0.40	0.78
22	18.15	19.34	18.10	19.29	19.67	20.87	21.25	22.44	23.64	0.02	1.21	1.59
23	18.96	20.15	18.91	20.10	20.48	21.68	22.06	23.25	0.45	0.83	2.02	2.41
24	19.77	20.97	19.72	20.92	21.30	22.49	22.87	0.07	1.26	1.64	2.84	3.22
25	20.58	21.78	20.53	21.73	22.11	23.30	23.69	0.88	2.07	2.46	3.65	4.03
26	21.40	22.59	21.35	22.54	22.92	0.12	0.50	1.69	2.89	3.27	4.46	4.84
27	22.21	23.40	22.16	23.35	23.74	0.93	1.31	2.51	3.70	4.08	5.28	5.66
28	23.02	0.22	22.97	0.17	0.55	1.74	2.12	3.32	4.51	4.89	6.09	6.47
29	23.83	1.03	23.79	0.98	1.36	2.56	2.94	4.13	5.32	5.71	6.90	7.28
30	0.65	1.84	0.60	1.79	2.17	3.37	3.75	4.94	6.14	6.52	7.71	8.10
31	1.46	2.65	1.41	2.60	2.99	4.19	4.56	5.76	6.95	7.33	8.53	8.91

TABLE 1 (CONTINUED) LUNAR PHASE NU

YEAR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	9.72	10.91	10.48	11.68	12.06	13.25	13.63	14.83	16.02	16.40	17.60	17.98
2	10.53	11.73	11.30	12.49	12.87	14.07	14.45	15.64	16.84	17.22	18.41	18.79
3	11.35	12.54	12.11	13.30	13.68	14.88	15.26	16.45	17.65	18.03	19.22	19.61
4	12.16	13.35	12.92	14.12	14.50	15.69	16.07	17.27	18.46	18.84	20.04	20.42
5	12.97	14.17	13.73	14.93	15.31	16.50	16.89	18.08	19.27	19.66	20.85	21.23
6	13.78	14.98	14.55	15.74	16.12	17.32	17.70	18.89	20.09	20.47	21.66	22.04
7	14.60	15.79	15.36	16.55	16.94	18.13	18.51	19.71	20.90	21.28	22.48	22.86
8	15.41	16.60	16.17	17.37	17.75	18.94	19.32	20.52	21.71	22.09	23.29	23.67
9	16.22	17.42	16.99	18.18	18.56	19.76	20.14	21.33	22.53	22.91	0.10	0.48
10	17.03	18.23	17.80	18.99	19.37	20.57	20.95	22.14	23.34	23.72	0.91	1.29
11	17.85	19.04	18.61	19.80	20.19	21.38	21.76	22.96	0.15	0.53	1.73	2.11
12	18.66	19.85	19.42	20.62	21.00	22.19	22.57	23.77	0.96	1.34	2.54	2.92
13	19.47	20.67	20.24	21.43	21.81	23.01	23.39	0.58	1.78	2.16	3.35	3.73
14	20.29	21.48	21.05	22.24	22.62	23.82	0.20	1.39	2.59	2.97	4.16	4.55
15	21.10	22.29	21.86	23.06	23.44	0.63	1.01	2.21	3.40	3.78	4.98	5.36
16	21.91	23.11	22.67	23.87	0.25	1.44	1.83	3.02	4.21	4.60	5.79	6.17
17	22.72	23.92	23.49	0.68	1.06	2.26	2.64	3.83	5.03	5.41	6.60	6.98
18	23.54	0.73	0.30	1.49	1.88	3.07	3.45	4.65	5.84	6.22	7.42	7.80
19	0.35	1.54	1.11	2.31	2.69	3.88	4.26	5.46	6.65	7.03	8.23	8.61
20	1.16	2.36	1.92	3.12	3.50	4.69	5.08	6.27	7.46	7.85	9.04	9.42
21	1.97	3.17	2.74	3.93	4.31	5.51	5.89	7.08	8.28	8.66	9.85	10.23
22	2.79	3.98	3.55	4.74	5.13	6.32	6.70	7.90	9.09	9.47	10.67	11.05
23	3.60	4.79	4.36	5.56	5.94	7.13	7.51	8.71	9.90	10.28	11.48	11.86
24	4.41	5.61	5.18	6.37	6.75	7.95	8.33	9.52	10.72	11.10	12.29	12.67
25	5.23	6.42	5.99	7.18	7.56	8.76	9.14	10.33	11.53	11.91	13.10	13.49
26	6.04	7.23	6.80	8.00	8.38	9.57	9.95	11.15	12.34	12.72	13.92	14.30
27	6.85	8.05	7.61	8.81	9.19	10.38	10.77	11.96	13.15	13.54	14.73	15.11
28	7.66	8.86	8.43	9.62	10.00	11.20	11.58	12.77	13.97	14.35	15.54	15.92
29	8.48	9.67	9.24	10.43	10.82	12.01	12.39	13.59	14.78	15.16	16.36	16.74
30	9.29		10.05	11.25	11.63	12.82	13.20	14.40	15.59	15.97	17.17	17.55
31	10.10		10.86		12.44		14.02	15.21		16.79		18.36

TABLE 1 (CONTINUED) LUNAR PHASE NU

YEAR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	19.17	20.37	19.12	20.32	20.70	21.90	22.28	23.47	0.66	1.05	2.24	2.62
2	19.99	21.18	19.94	21.13	21.51	22.71	23.09	0.28	1.48	1.86	3.05	3.43
3	20.80	21.99	20.75	21.94	22.33	23.52	23.90	1.10	2.29	2.67	3.87	4.25
4	21.61	22.81	21.56	22.76	23.14	0.33	0.71	1.91	3.10	3.48	4.68	5.06
5	22.43	23.62	22.38	23.57	23.95	1.15	1.53	2.72	3.92	4.30	5.49	5.87
6	23.24	0.43	23.19	0.38	0.76	1.96	2.34	3.53	4.73	5.11	6.30	6.69
7	0.05	1.25	0.00	1.20	1.58	2.77	3.15	4.35	5.54	5.92	7.12	7.50
8	0.86	2.06	0.81	2.01	2.39	3.58	3.97	5.16	6.35	6.74	7.93	8.31
9	1.68	2.87	1.63	2.82	3.20	4.40	4.78	5.97	7.17	7.55	8.74	9.12
10	2.49	3.68	2.44	3.63	4.02	5.21	5.59	6.79	7.98	8.36	9.56	9.94
11	3.30	4.50	3.25	4.45	4.83	6.02	6.40	7.60	8.79	9.17	10.37	10.75
12	4.11	5.31	4.06	5.26	5.64	6.83	7.22	8.41	9.60	9.99	11.18	11.56
13	4.93	6.12	4.88	6.07	6.45	7.65	8.03	9.22	10.42	10.80	11.99	12.37
14	5.74	6.93	5.69	6.88	7.27	8.46	8.84	10.04	11.23	11.61	12.81	13.19
15	6.55	7.75	6.50	7.70	8.08	9.27	9.65	10.85	12.04	12.42	13.62	14.00
16	7.37	8.56	7.32	8.51	8.89	10.09	10.47	11.66	12.86	13.24	14.43	14.81
17	8.18	9.37	8.13	9.32	9.70	10.90	11.28	12.47	13.67	14.05	15.24	15.63
18	8.99	10.19	8.94	10.14	10.52	11.71	12.09	13.29	14.48	14.86	16.06	16.44
19	9.80	11.00	9.75	10.95	11.33	12.52	12.91	14.10	15.29	15.68	16.87	17.25
20	10.62	11.81	10.57	11.76	12.14	13.34	13.72	14.91	16.11	16.49	17.68	18.06
21	11.43	12.62	11.38	12.57	12.96	14.15	14.53	15.72	16.92	17.30	18.49	18.88
22	12.24	13.44	12.19	13.39	13.77	14.96	15.34	16.54	17.73	18.11	19.31	19.69
23	13.05	14.25	13.00	14.20	14.58	15.77	16.16	17.35	18.54	18.93	20.12	20.50
24	13.87	15.06	13.82	15.01	15.39	16.59	16.97	18.16	19.36	19.74	20.93	21.31
25	14.68	15.87	14.63	15.82	16.21	17.40	17.78	18.98	20.17	20.55	21.75	22.13
26	15.49	16.69	15.44	16.64	17.02	18.21	18.59	19.79	20.98	21.36	22.56	22.94
27	16.31	17.50	16.26	17.45	17.83	19.03	19.41	20.60	21.80	22.18	23.37	23.75
28	17.12	18.31	17.07	18.26	18.64	19.84	20.22	21.41	22.61	22.99	0.18	0.57
29	17.93		17.88	19.08	19.46	20.65	21.03	22.23	23.42	23.80	1.00	1.38
30	18.74		18.69	19.89	20.27	21.46	21.85	23.04	0.23	0.62	1.81	2.19
31	19.56		19.51		21.08		22.66	23.85		1.43		3.00

TABLE 1 (CONTINUED) LUNAR PHASE MU

YEAR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	3.62	5.01	3.77	4.96	5.34	6.54	6.92	8.11	9.31	9.69	10.88	11.26
2	4.63	5.82	4.58	5.77	6.15	7.35	7.73	8.92	10.12	10.50	11.69	12.06
3	5.44	6.64	5.39	6.59	6.97	8.16	8.54	9.74	10.93	11.31	12.51	12.89
4	6.25	7.45	6.20	7.40	7.78	8.97	9.36	10.55	11.74	12.13	13.32	13.70
5	7.07	8.26	7.02	8.21	8.59	9.79	10.17	11.36	12.56	12.94	14.13	14.51
6	7.88	9.07	7.83	9.02	9.41	10.60	10.98	12.18	13.37	13.75	14.95	15.33
7	8.69	9.89	8.64	9.84	10.22	11.41	11.79	12.99	14.18	14.56	15.76	16.14
8	9.51	10.70	9.46	10.65	11.03	12.23	12.61	13.80	15.00	15.38	16.57	16.95
9	10.32	11.51	10.27	11.46	11.84	13.04	13.42	14.61	15.81	16.19	17.38	17.77
10	11.13	12.33	11.08	12.28	12.66	13.85	14.23	15.43	16.62	17.00	18.20	18.58
11	11.94	13.14	11.89	13.09	13.47	14.66	15.05	16.24	17.43	17.82	19.01	19.39
12	12.76	13.95	12.71	13.90	14.28	15.48	15.86	17.05	18.25	18.63	19.82	20.20
13	13.57	14.76	13.52	14.71	15.09	16.29	16.67	17.86	19.06	19.44	20.63	21.02
14	14.38	15.56	14.33	15.53	15.91	17.10	17.48	18.68	19.87	20.25	21.45	21.83
15	15.19	16.39	15.14	16.34	16.72	17.91	18.30	19.49	20.68	21.07	22.26	22.64
16	16.01	17.20	15.96	17.15	17.53	18.73	19.11	20.30	21.50	21.88	23.07	23.45
17	16.82	18.01	16.77	17.96	18.35	19.54	19.92	21.12	22.31	22.69	23.89	0.27
18	17.63	18.83	17.58	18.78	19.16	20.35	20.73	21.93	23.12	23.50	0.70	1.08
19	18.45	19.64	18.40	19.59	19.97	21.17	21.55	22.74	23.94	0.32	1.51	1.89
20	19.26	20.45	19.21	20.40	20.78	21.98	22.36	23.55	0.75	1.13	2.32	2.71
21	20.07	21.26	20.02	21.22	21.60	22.79	23.17	0.37	1.56	1.94	3.14	3.52
22	20.88	22.06	20.83	22.03	22.41	23.80	23.99	1.18	2.37	2.76	3.95	4.33
23	21.70	22.89	21.65	22.84	23.22	0.42	0.80	1.99	3.19	3.57	4.76	5.14
24	22.51	23.70	22.46	23.65	0.03	1.23	1.61	2.80	4.00	4.38	5.57	5.96
25	23.32	0.52	23.27	0.47	0.85	2.04	2.42	3.62	4.81	5.19	6.39	6.77
26	0.13	1.33	0.08	1.28	1.66	2.85	3.24	4.43	5.62	6.01	7.20	7.58
27	0.95	2.14	0.90	2.09	2.47	3.67	4.05	5.24	6.44	6.82	8.01	8.39
28	1.76	2.95	1.71	2.90	3.29	4.48	4.86	6.06	7.25	7.63	8.83	9.21
29	2.57		2.52	3.72	4.10	5.29	5.67	6.87	8.06	8.44	9.64	10.02
30	3.39		3.34	4.53	4.91	6.11	6.49	7.68	8.88	9.26	10.45	10.83
31	4.20		4.15		5.72		7.30	8.49		10.07		11.65

TABLE 1 (CONTINUED) LUNAR PHASE MU

YEAR 1991

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	12.46	13.65	12.41	13.60	13.98	15.18	15.56	16.75	17.95	18.33	19.52	19.91
2	13.27	14.46	13.22	14.42	14.80	15.99	16.37	17.57	18.76	19.14	20.34	20.72
3	14.08	15.28	14.03	15.23	15.61	16.80	17.19	18.38	19.57	19.95	21.15	21.53
4	14.90	16.09	14.85	16.04	16.42	17.62	18.00	19.19	20.39	20.77	21.96	22.34
5	15.71	16.90	15.66	16.85	17.23	18.43	18.81	20.00	21.20	21.58	22.77	23.16
6	16.52	17.72	16.47	17.67	18.05	19.24	19.62	20.82	22.01	22.39	23.59	23.97
7	17.33	18.53	17.28	18.48	18.86	20.05	20.44	21.63	22.82	23.21	0.40	0.78
8	18.15	19.34	18.10	19.29	19.67	20.87	21.25	22.44	23.64	0.02	1.21	1.59
9	18.96	20.15	18.91	20.10	20.49	21.68	22.06	23.26	0.45	0.83	2.03	2.41
10	19.77	20.97	19.72	20.92	21.30	22.49	22.87	0.07	1.26	1.64	2.84	3.22
11	20.58	21.78	20.54	21.73	22.11	23.31	23.69	0.68	2.08	2.46	3.65	4.03
12	21.40	22.59	21.35	22.54	22.92	0.12	0.50	1.69	2.89	3.27	4.46	4.85
13	22.21	23.40	22.16	23.36	23.74	0.93	1.31	2.51	3.70	4.08	5.28	5.66
14	23.02	0.22	22.97	0.17	0.55	1.74	2.12	3.32	4.51	4.89	6.09	6.47
15	23.84	1.03	23.79	0.98	1.36	2.56	2.94	4.13	5.33	5.71	6.90	7.28
16	0.65	1.84	0.60	1.79	2.17	3.37	3.75	4.94	6.14	6.52	7.71	8.10
17	1.46	2.66	1.41	2.61	2.99	4.18	4.56	5.76	6.95	7.33	8.53	8.91
18	2.27	3.47	2.22	3.42	3.80	4.99	5.38	6.57	7.76	8.15	9.34	9.72
19	3.09	4.28	3.04	4.23	4.61	5.81	6.19	7.38	8.58	8.96	10.15	10.53
20	3.90	5.09	3.85	5.04	5.43	6.62	7.00	8.20	9.39	9.77	10.97	11.35
21	4.71	5.91	4.66	5.86	6.24	7.43	7.81	9.01	10.20	10.58	11.78	12.16
22	5.52	6.72	5.48	6.67	7.05	8.25	8.63	9.82	11.01	11.40	12.59	12.97
23	6.34	7.53	6.29	7.48	7.86	9.06	9.44	10.63	11.83	12.21	13.40	13.79
24	7.15	8.34	7.10	8.29	8.68	9.87	10.25	11.45	12.64	13.02	14.22	14.60
25	7.96	9.16	7.91	9.11	9.49	10.68	11.06	12.26	13.45	13.83	15.03	15.41
26	8.78	9.97	8.73	9.92	10.30	11.50	11.88	13.07	14.27	14.65	15.84	16.22
27	9.59	10.78	9.54	10.73	11.11	12.31	12.69	13.88	15.08	15.46	16.65	17.04
28	10.40	11.60	10.35	11.55	11.93	13.12	13.50	14.70	15.89	16.27	17.47	17.85
29	11.21		11.16	12.36	12.74	13.93	14.32	15.51	16.70	17.09	18.28	18.66
30	12.03		11.98	13.17	13.55	14.75	15.13	16.32	17.52	17.90	19.09	19.47
31	12.84		12.79		14.37		15.94	17.14		18.71		20.29

TABLE 1 (CONTINUED) LUNAR PHASE MU

YEAR 1992

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	21.10	22.29	21.86	23.06	23.44	0.63	1.01	2.21	3.40	3.78	4.98	5.36
2	21.91	23.11	22.68	23.87	0.25	1.44	1.83	3.02	4.22	4.60	5.79	6.17
3	22.72	23.92	23.49	0.68	1.06	2.26	2.64	3.83	5.03	5.41	6.60	6.98
4	23.54	0.73	0.30	1.49	1.88	3.07	3.45	4.65	5.84	6.22	7.42	7.80
5	0.35	1.54	1.11	2.31	2.69	3.88	4.26	5.46	6.65	7.03	8.23	8.61
6	1.16	2.36	1.93	3.12	3.50	4.70	5.08	6.27	7.47	7.85	9.04	9.42
7	1.98	3.17	2.74	3.93	4.31	5.51	5.89	7.08	8.28	8.66	9.85	10.24
8	2.79	3.98	3.55	4.75	5.13	6.32	6.70	7.90	9.09	9.47	10.67	11.05
9	3.60	4.80	4.36	5.56	5.94	7.13	7.52	8.71	9.90	10.29	11.48	11.86
10	4.41	5.61	5.18	6.37	6.75	7.95	8.33	9.52	10.72	11.10	12.29	12.67
11	5.23	6.42	5.99	7.18	7.57	8.76	9.14	10.34	11.53	11.91	13.11	13.49
12	6.04	7.23	6.80	8.00	8.38	9.57	9.95	11.15	12.34	12.72	13.92	14.30
13	6.85	8.05	7.62	8.81	9.19	10.38	10.77	11.96	13.15	13.54	14.73	15.11
14	7.66	8.86	8.43	9.62	10.00	11.20	11.58	12.77	13.97	14.35	15.54	15.92
15	8.48	9.67	9.24	10.43	10.82	12.01	12.39	13.59	14.78	15.16	16.36	16.74
16	9.29	10.48	10.05	11.25	11.63	12.82	13.20	14.40	15.59	15.97	17.17	17.55
17	10.10	11.30	10.87	12.06	12.44	13.64	14.02	15.21	16.41	16.79	17.98	18.36
18	10.92	12.11	11.68	12.87	13.25	14.45	14.83	16.02	17.22	17.60	18.79	19.18
19	11.73	12.92	12.49	13.69	14.07	15.26	15.64	16.84	18.03	18.41	19.61	19.99
20	12.54	13.74	13.30	14.50	14.88	16.07	16.46	17.65	18.84	19.23	20.42	20.80
21	13.35	14.55	14.12	15.31	15.69	16.89	17.27	18.46	19.66	20.04	21.23	21.61
22	14.17	15.36	14.93	16.12	16.51	17.70	18.08	19.28	20.47	20.85	22.05	22.43
23	14.98	16.17	15.74	16.94	17.32	18.51	18.89	20.09	21.28	21.66	22.86	23.24
24	15.79	16.99	16.55	17.75	18.13	19.32	19.71	20.90	22.09	22.48	23.67	0.05
25	16.60	17.80	17.37	18.56	18.94	20.14	20.52	21.71	22.91	23.29	0.48	0.86
26	17.42	18.61	18.18	19.37	19.76	20.95	21.33	22.53	23.72	0.10	1.30	1.68
27	18.23	19.42	18.99	20.19	20.57	21.76	22.14	23.34	0.53	0.91	2.11	2.49
28	19.04	20.24	19.81	21.00	21.38	22.58	22.96	0.15	1.35	1.73	2.92	3.30
29	19.86	21.05	20.62	21.81	22.19	23.39	23.77	0.96	2.16	2.54	3.73	4.12
30	20.67		21.43	22.63	23.01	0.20	0.58	1.78	2.97	3.35	4.55	4.93
31	21.48		22.24		23.82		1.40	2.59		4.17		5.74

TABLE 1 (CONTINUED) LUNAR PHASE MU

YEAR 1993

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	6.33	7.75	6.50	7.70	8.08	9.27	9.66	10.85	12.04	12.43	13.62	14.00
2	7.37	8.56	7.32	8.51	8.89	10.09	10.47	11.66	12.86	13.24	14.43	14.81
3	8.18	9.37	8.13	9.32	9.71	10.90	11.28	12.48	13.67	14.05	15.24	15.63
4	8.99	10.19	8.94	10.14	10.52	11.71	12.09	13.29	14.48	14.86	16.06	16.44
5	9.80	11.00	9.75	10.95	11.33	12.52	12.91	14.10	15.29	15.68	16.87	17.25
6	10.62	11.81	10.57	11.76	12.14	13.34	13.72	14.91	16.11	16.49	17.68	18.06
7	11.43	12.62	11.38	12.57	12.96	14.15	14.53	15.73	16.92	17.30	18.50	18.88
8	12.24	13.44	12.19	13.39	13.77	14.96	15.34	16.54	17.73	18.11	19.31	19.69
9	13.06	14.25	13.01	14.20	14.58	15.78	16.16	17.35	18.55	18.93	20.12	20.50
10	13.87	15.06	13.82	15.01	15.39	16.59	16.97	18.16	19.36	19.74	20.93	21.32
11	14.68	15.88	14.63	15.83	16.21	17.40	17.78	18.98	20.17	20.55	21.75	22.13
12	15.49	16.69	15.44	16.64	17.02	18.21	18.60	19.79	20.98	21.37	22.56	22.94
13	16.31	17.50	16.26	17.45	17.83	19.03	19.41	20.60	21.80	22.18	23.37	23.75
14	17.12	18.31	17.07	18.26	18.65	19.84	20.22	21.41	22.61	22.99	0.18	0.57
15	17.93	19.13	17.88	19.08	19.46	20.65	21.03	22.23	23.42	23.80	1.00	1.38
16	18.74	19.94	18.69	19.89	20.27	21.46	21.85	23.04	0.23	0.62	1.81	2.19
17	19.56	20.75	19.51	20.70	21.08	22.28	22.66	23.85	1.05	1.43	2.62	3.00
18	20.37	21.56	20.32	21.51	21.90	23.09	23.47	0.67	1.86	2.24	3.44	3.82
19	21.18	22.38	21.13	22.33	22.71	23.90	0.28	1.48	2.67	3.05	4.25	4.63
20	22.00	23.19	21.95	23.14	23.52	0.72	1.10	2.29	3.49	3.87	5.06	5.44
21	22.81	0.00	22.76	23.95	0.33	1.53	1.91	3.10	4.30	4.68	5.87	6.26
22	23.62	0.81	23.57	0.77	1.15	2.34	2.72	3.92	5.11	5.49	6.69	7.07
23	0.43	1.63	0.38	1.58	1.96	3.15	3.54	4.73	5.92	6.31	7.50	7.88
24	1.25	2.44	1.20	2.39	2.77	3.97	4.35	5.54	6.74	7.12	8.31	8.69
25	2.06	3.25	2.01	3.20	3.58	4.78	5.16	6.35	7.55	7.93	9.12	9.51
26	2.87	4.07	2.82	4.02	4.40	5.59	5.97	7.17	8.36	8.74	9.94	10.32
27	3.68	4.88	3.63	4.83	5.21	6.40	6.79	7.98	9.17	9.56	10.75	11.13
28	4.50	5.69	4.45	5.64	6.02	7.22	7.60	8.79	9.99	10.37	11.56	11.94
29	5.31		5.26	6.45	6.84	8.03	8.41	9.61	10.80	11.18	12.38	12.76
30	6.12		6.07	7.27	7.65	8.84	9.22	10.42	11.61	11.99	13.19	13.57
31	6.94		6.89		8.46		10.04	11.23		12.81		14.38

TABLE 1 (CONTINUED) LUNAR PHASE NU

YEAR 1994

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	15.20	16.39	15.15	16.34	16.72	17.92	18.30	19.49	20.69	21.07	22.26	22.64
2	16.01	17.20	15.96	17.15	17.53	18.73	19.11	20.30	21.50	21.88	23.07	23.46
3	16.82	18.02	16.77	17.97	18.35	19.54	19.92	21.12	22.31	22.69	23.89	0.27
4	17.63	18.83	17.58	18.78	19.16	20.35	20.74	21.93	23.12	23.51	0.70	1.08
5	18.45	19.64	18.40	19.59	19.97	21.17	21.55	22.74	23.94	0.32	1.51	1.89
6	19.26	20.45	19.21	20.40	20.78	21.98	22.36	23.55	0.75	1.13	2.32	2.71
7	20.07	21.27	20.02	21.22	21.60	22.79	23.17	0.37	1.56	1.94	3.14	3.52
8	20.88	22.08	20.83	22.03	22.41	23.60	23.99	1.18	2.37	2.76	3.95	4.33
9	21.70	22.89	21.65	22.84	23.22	0.42	0.80	1.99	3.19	3.57	4.76	5.14
10	22.51	23.70	22.46	23.65	0.04	1.23	1.61	2.81	4.00	4.38	5.58	5.96
11	23.32	0.52	23.27	0.47	0.85	2.04	2.42	3.62	4.81	5.19	6.39	6.77
12	0.14	1.33	0.09	1.28	1.66	2.86	3.24	4.43	5.63	6.01	7.20	7.58
13	0.95	2.14	0.90	2.09	2.47	3.67	4.05	5.24	6.44	6.82	8.01	8.40
14	1.76	2.95	1.71	2.91	3.29	4.48	4.86	6.06	7.25	7.63	8.83	9.21
15	2.57	3.77	2.52	3.72	4.10	5.29	5.67	6.87	8.06	8.45	9.64	10.02
16	3.39	4.58	3.34	4.53	4.91	6.11	6.49	7.68	8.88	9.26	10.45	10.83
17	4.20	5.39	4.15	5.34	5.72	6.92	7.30	8.49	9.69	10.07	11.26	11.65
18	5.01	6.21	4.96	6.16	6.54	7.73	8.11	9.31	10.50	10.88	12.08	12.46
19	5.82	7.02	5.77	6.97	7.35	8.54	8.93	10.12	11.31	11.70	12.89	13.27
20	6.64	7.83	6.59	7.78	8.16	9.36	9.74	10.93	12.13	12.51	13.70	14.08
21	7.45	8.64	7.40	8.59	8.98	10.17	10.55	11.75	12.94	13.32	14.52	14.90
22	8.26	9.46	8.21	9.41	9.79	10.98	11.36	12.56	13.75	14.13	15.33	15.71
23	9.08	10.27	9.03	10.22	10.60	11.80	12.18	13.37	14.57	14.95	16.14	16.52
24	9.89	11.08	9.84	11.03	11.41	12.61	12.99	14.18	15.38	15.76	16.95	17.34
25	10.70	11.89	10.65	11.84	12.23	13.42	13.80	15.00	16.19	16.57	17.77	18.15
26	11.51	12.71	11.46	12.66	13.04	14.23	14.61	15.81	17.00	17.38	18.58	18.96
27	12.33	13.52	12.28	13.47	13.85	15.05	15.43	16.62	17.82	18.20	19.39	19.77
28	13.14	14.33	13.09	14.28	14.66	15.86	16.24	17.43	18.63	19.01	20.20	20.59
29	13.95		13.90	15.10	15.48	16.67	17.05	18.25	19.44	19.82	21.02	21.40
30	14.76		14.71	15.91	16.29	17.48	17.87	19.06	20.25	20.64	21.83	22.21
31	15.58		15.53		17.10		18.68	19.87		21.45		23.02

TABLE 1 (CONTINUED) LUNAR PHASE NU

YEAR 1995

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	23.84	1.03	23.79	0.98	1.36	2.56	2.94	4.13	5.33	5.71	6.90	7.28
2	0.65	1.84	0.60	1.79	2.18	3.37	3.75	4.95	6.14	6.52	7.72	8.10
3	1.46	2.66	1.41	2.61	2.99	4.18	4.56	5.76	6.95	7.33	8.53	8.91
4	2.27	3.47	2.23	3.42	3.80	5.00	5.38	6.57	7.77	8.15	9.34	9.72
5	3.09	4.28	3.04	4.23	4.61	5.81	6.19	7.38	8.58	8.96	10.15	10.54
6	3.90	5.09	3.85	5.04	5.43	6.62	7.00	8.20	9.39	9.77	10.97	11.35
7	4.71	5.91	4.66	5.86	6.24	7.43	7.81	9.01	10.20	10.58	11.78	12.16
8	5.53	6.72	5.48	6.67	7.05	8.25	8.63	9.82	11.02	11.40	12.59	12.97
9	6.34	7.53	6.29	7.48	7.86	9.06	9.44	10.63	11.83	12.21	13.40	13.79
10	7.15	8.35	7.10	8.30	8.68	9.87	10.25	11.45	12.64	13.02	14.22	14.60
11	7.96	9.16	7.91	9.11	9.49	10.68	11.07	12.26	13.45	13.84	15.03	15.41
12	8.78	9.97	8.73	9.92	10.30	11.50	11.88	13.07	14.27	14.65	15.84	16.22
13	9.59	10.78	9.54	10.73	11.12	12.31	12.69	13.89	15.08	15.46	16.66	17.04
14	10.40	11.60	10.35	11.55	11.93	13.12	13.50	14.70	15.89	16.27	17.47	17.85
15	11.21	12.41	11.17	12.36	12.74	13.94	14.32	15.51	16.71	17.09	18.28	18.66
16	12.03	13.22	11.98	13.17	13.55	14.75	15.13	16.32	17.52	17.90	19.09	19.47
17	12.84	14.03	12.79	13.98	14.37	15.56	15.94	17.14	18.33	18.71	19.91	20.29
18	13.65	14.85	13.60	14.80	15.18	16.37	16.75	17.95	19.14	19.52	20.72	21.10
19	14.47	15.66	14.42	15.61	15.99	17.19	17.57	18.76	19.96	20.34	21.53	21.91
20	15.28	16.47	15.23	16.42	16.80	18.00	18.38	19.57	20.77	21.15	22.34	22.73
21	16.09	17.29	16.04	17.24	17.62	18.81	19.19	20.39	21.58	21.96	23.16	23.54
22	16.90	18.10	16.85	18.05	18.43	19.62	20.01	21.20	22.39	22.78	23.97	0.35
23	17.72	18.91	17.67	18.86	19.24	20.44	20.82	22.01	23.21	23.59	0.78	1.16
24	18.53	19.72	18.48	19.67	20.06	21.25	21.63	22.83	0.02	0.40	1.60	1.98
25	19.34	20.54	19.29	20.49	20.87	22.06	22.44	23.64	0.83	1.21	2.41	2.79
26	20.15	21.35	20.11	21.30	21.68	22.88	23.26	0.45	1.64	2.03	3.22	3.60
27	20.97	22.16	20.92	22.11	22.49	23.69	0.07	1.26	2.46	2.84	4.03	4.41
28	21.78	22.97	21.73	22.92	23.31	0.50	0.88	2.08	3.27	3.65	4.85	5.23
29	22.59		22.54	23.74	0.12	1.31	1.69	2.89	4.08	4.46	5.66	6.04
30	23.41		23.36	0.55	0.93	2.13	2.51	3.70	4.90	5.28	6.47	6.85
31	0.22		0.17		1.74		3.32	4.51		6.09		7.67

TABLE 1 (CONTINUED) LUNAR PHASE NU

YEAR 1996

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	8.48	9.67	9.24	10.44	10.82	12.01	12.39	13.59	14.78	15.16	16.36	16.74
2	9.29	10.49	10.05	11.25	11.63	12.82	13.21	14.40	15.59	15.98	17.17	17.55
3	10.10	11.30	10.87	12.06	12.44	13.64	14.02	15.21	16.41	16.79	17.98	18.36
4	10.92	12.11	11.68	12.87	13.26	14.45	14.83	16.03	17.22	17.60	18.80	19.18
5	11.73	12.92	12.49	13.69	14.07	15.26	15.64	16.84	18.03	18.41	19.61	19.99
6	12.54	13.74	13.31	14.50	14.88	16.07	16.46	17.65	18.84	19.23	20.42	20.80
7	13.35	14.55	14.12	15.31	15.69	16.89	17.27	18.46	19.66	20.04	21.23	21.61
8	14.17	15.36	14.93	16.12	16.51	17.70	18.08	19.28	20.47	20.85	22.05	22.43
9	14.98	16.17	15.74	16.94	17.32	18.51	18.89	20.09	21.28	21.66	22.86	23.24
10	15.79	16.99	16.56	17.75	18.13	19.33	19.71	20.90	22.10	22.48	23.67	0.05
11	16.61	17.80	17.37	18.56	18.94	20.14	20.52	21.71	22.91	23.29	0.48	0.87
12	17.42	18.61	18.18	19.38	19.76	20.95	21.33	22.53	23.72	0.10	1.30	1.68
13	18.23	19.43	18.99	20.19	20.57	21.76	22.15	23.34	0.53	0.92	2.11	2.49
14	19.04	20.24	19.81	21.00	21.38	22.58	22.96	0.15	1.35	1.73	2.92	3.30
15	19.86	21.05	20.62	21.81	22.20	23.39	23.77	0.97	2.16	2.54	3.74	4.12
16	20.67	21.86	21.43	22.63	23.01	0.20	0.58	1.78	2.97	3.35	4.55	4.93
17	21.48	22.68	22.24	23.44	23.82	1.01	1.40	2.59	3.78	4.17	5.36	5.74
18	22.29	23.49	23.06	0.25	0.63	1.83	2.21	3.40	4.60	4.98	6.17	6.55
19	23.11	0.30	23.67	1.06	1.45	2.64	3.02	4.22	5.41	5.79	6.99	7.37
20	23.92	1.11	0.66	1.88	2.26	3.45	3.83	5.03	6.22	6.60	7.80	8.18
21	0.73	1.93	1.50	2.69	3.07	4.27	4.65	5.84	7.04	7.42	8.61	8.99
22	1.55	2.74	2.31	3.50	3.88	5.08	5.46	6.65	7.85	8.23	9.42	9.81
23	2.36	3.55	3.12	4.32	4.70	5.89	6.27	7.47	8.66	9.04	10.24	10.62
24	3.17	4.37	3.93	5.13	5.51	6.70	7.09	8.28	9.47	9.86	11.05	11.43
25	3.98	5.18	4.75	5.94	6.32	7.52	7.90	9.09	10.29	10.67	11.88	12.24
26	4.80	5.99	5.56	6.75	7.14	8.33	8.71	9.90	11.10	11.48	12.68	13.06
27	5.61	6.80	6.37	7.57	7.95	9.14	9.52	10.72	11.91	12.29	13.49	13.87
28	6.42	7.62	7.18	8.38	8.76	9.95	10.34	11.53	12.72	13.11	14.30	14.68
29	7.23	8.43	8.00	9.19	9.57	10.77	11.15	12.34	13.54	13.92	15.11	15.49
30	8.05		8.61	10.00	10.39	11.58	11.96	13.16	14.35	14.73	15.93	16.31
31	8.88		9.62		11.20		12.77	13.97		15.54		17.12

TABLE 1 (CONTINUED) LUNAR PHASE NU

YEAR 1997

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	17.93	19.13	17.88	19.08	19.46	20.65	21.03	22.23	23.42	23.80	1.00	1.38
2	18.75	19.94	18.70	19.89	20.27	21.47	21.85	23.04	0.24	0.62	1.81	2.19
3	19.56	20.75	19.51	20.70	21.08	22.28	22.66	23.85	1.03	1.43	2.62	3.01
4	20.37	21.57	20.32	21.52	21.90	23.09	23.47	0.67	1.86	2.24	3.44	3.82
5	21.18	22.38	21.13	22.33	22.71	23.90	0.29	1.48	2.67	3.06	4.25	4.63
6	22.00	23.19	21.95	23.14	23.52	0.72	1.10	2.29	3.49	3.87	5.06	5.44
7	22.81	0.00	22.76	23.95	0.33	1.53	1.91	3.11	4.30	4.68	5.87	6.26
8	23.62	0.82	23.57	0.77	1.15	2.34	2.72	3.92	5.11	5.49	6.69	7.07
9	0.43	1.63	0.38	1.58	1.96	3.15	3.54	4.73	5.92	6.31	7.50	7.88
10	1.25	2.44	1.20	2.39	2.77	3.97	4.35	5.54	6.74	7.12	8.31	8.69
11	2.06	3.25	2.01	3.20	3.59	4.78	5.16	6.36	7.55	7.93	9.13	9.51
12	2.87	4.07	2.82	4.02	4.40	5.59	5.97	7.17	8.36	8.74	9.94	10.32
13	3.69	4.88	3.64	4.83	5.21	6.41	6.79	7.98	9.18	9.56	10.75	11.13
14	4.50	5.69	4.45	5.64	6.02	7.22	7.60	8.79	9.99	10.37	11.56	11.95
15	5.31	6.50	5.26	6.46	6.84	8.03	8.41	9.61	10.80	11.18	12.38	12.76
16	6.12	7.32	6.07	7.27	7.65	8.84	9.23	10.42	11.61	12.00	13.19	13.57
17	6.94	8.13	6.89	8.08	8.46	9.66	10.04	11.23	12.43	12.81	14.00	14.38
18	7.75	8.94	7.70	8.89	9.27	10.47	10.85	12.04	13.24	13.62	14.81	15.20
19	8.56	9.76	8.51	9.71	10.09	11.28	11.66	12.86	14.05	14.43	15.63	16.01
20	9.37	10.57	9.32	10.52	10.90	12.09	12.48	13.67	14.86	15.25	16.44	16.82
21	10.19	11.38	10.14	11.33	11.71	12.91	13.29	14.48	15.68	16.06	17.25	17.63
22	11.00	12.19	10.95	12.14	12.53	13.72	14.10	15.30	16.49	16.87	18.07	18.45
23	11.81	13.01	11.76	12.96	13.34	14.53	14.91	16.11	17.30	17.68	18.88	19.26
24	12.63	13.82	12.58	13.77	14.15	15.35	15.73	16.92	18.12	18.50	19.69	20.07
25	13.44	14.63	13.39	14.58	14.96	16.16	16.54	17.73	18.93	19.31	20.50	20.89
26	14.25	15.44	14.20	15.40	15.78	16.97	17.35	18.55	19.74	20.12	21.32	21.70
27	15.06	16.26	15.01	16.21	16.59	17.78	18.17	19.36	20.55	20.93	22.13	22.51
28	15.88	17.07	15.83	17.02	17.40	18.60	18.98	20.17	21.37	21.75	22.94	23.32
29	16.69		16.64	17.83	18.21	19.41	19.79	20.98	22.18	22.56	23.75	0.14
30	17.50		17.45	18.65	19.03	20.22	20.60	21.80	22.99	23.37	0.57	0.95
31	18.31		18.26		19.64		21.42	22.61		0.19		1.78

TABLE 1 (CONTINUED) LUNAR PHASE MJ

YEAR 1996

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	2.57	3.77	2.52	3.72	4.10	5.29	5.68	6.87	8.06	8.45	9.64	10.02
2	3.39	4.56	3.34	4.53	4.91	6.11	6.49	7.68	8.88	9.26	10.45	10.83
3	4.20	5.39	4.15	5.34	5.73	6.92	7.31	8.50	9.69	10.07	11.27	11.65
4	5.01	6.21	4.96	6.16	6.54	7.73	8.11	9.31	10.50	10.88	12.08	12.46
5	5.83	7.02	5.78	6.97	7.35	8.55	8.93	10.12	11.32	11.70	12.89	13.27
6	6.64	7.83	6.58	7.78	8.16	9.36	9.74	10.93	12.13	12.51	13.70	14.09
7	7.45	8.64	7.40	8.60	8.98	10.17	10.55	11.75	12.94	13.32	14.52	14.90
8	8.26	9.46	8.21	9.41	9.79	10.98	11.36	12.56	13.75	14.13	15.33	15.71
9	9.08	10.27	9.03	10.22	10.60	11.80	12.18	13.37	14.57	14.95	16.14	16.52
10	9.89	11.08	9.84	11.03	11.41	12.61	12.99	14.18	15.38	15.76	16.95	17.34
11	10.70	11.90	10.65	11.85	12.23	13.42	13.80	15.00	16.19	16.57	17.77	18.15
12	11.51	12.71	11.46	12.66	13.04	14.23	14.62	15.81	17.00	17.39	18.58	18.96
13	12.33	13.52	12.28	13.47	13.85	15.05	15.43	16.62	17.82	18.20	19.39	19.77
14	13.14	14.33	13.09	14.28	14.67	15.86	16.24	17.44	18.63	19.01	20.21	20.59
15	13.95	15.15	13.90	15.10	15.48	16.67	17.05	18.25	19.44	19.82	21.02	21.40
16	14.77	15.96	14.72	15.91	16.29	17.49	17.87	19.06	20.26	20.64	21.83	22.21
17	15.58	16.77	15.53	16.72	17.10	18.30	18.68	19.87	21.07	21.45	22.64	23.03
18	16.39	17.58	16.34	17.54	17.92	19.11	19.49	20.69	21.88	22.26	23.46	23.84
19	17.20	18.40	17.15	18.35	18.73	19.92	20.30	21.50	22.69	23.07	0.27	0.65
20	18.02	19.21	17.97	19.16	19.54	20.74	21.12	22.31	23.51	23.89	1.08	1.46
21	18.83	20.02	18.78	19.97	20.35	21.55	21.93	23.12	0.32	0.70	1.89	2.28
22	19.64	20.84	19.59	20.79	21.17	22.36	22.74	23.94	1.13	1.51	2.71	3.09
23	20.45	21.65	20.40	21.60	21.98	23.17	23.56	0.75	1.94	2.33	3.52	3.90
24	21.27	22.46	21.22	22.41	22.79	23.99	0.37	1.56	2.76	3.14	4.33	4.71
25	22.08	23.27	22.03	23.22	23.61	0.80	1.18	2.38	3.57	3.95	5.15	5.53
26	22.89	0.09	22.84	0.04	0.42	1.61	1.99	3.19	4.38	4.76	5.96	6.34
27	23.70	0.90	23.66	0.85	1.23	2.43	2.81	4.00	5.20	5.58	6.77	7.15
28	0.52	1.71	0.47	1.66	2.04	3.24	3.62	4.81	6.01	6.39	7.58	7.97
29	1.33		1.28	2.47	2.86	4.05	4.43	5.63	6.82	7.20	8.40	8.78
30	2.14		2.09	3.29	3.67	4.86	5.24	6.44	7.63	8.01	9.21	9.59
31	2.96		2.91		4.48		6.06	7.25		8.83		10.40

TABLE 1 (CONTINUED) LUNAR PHASE MJ

YEAR 1999

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	11.22	12.41	11.17	12.36	12.74	13.94	14.32	15.51	16.71	17.09	18.28	18.66
2	12.03	13.22	11.98	13.17	13.55	14.75	15.13	16.32	17.52	17.90	19.09	19.48
3	12.84	14.04	12.79	13.99	14.37	15.56	15.94	17.14	18.33	18.71	19.91	20.29
4	13.65	14.85	13.60	14.80	15.18	16.37	16.75	17.95	19.14	19.53	20.72	21.10
5	14.47	15.66	14.42	15.61	15.99	17.19	17.57	18.76	19.96	20.34	21.53	21.91
6	15.28	16.47	15.23	16.42	16.81	18.00	18.38	19.58	20.77	21.15	22.35	22.73
7	16.09	17.29	16.04	17.24	17.62	18.81	19.19	20.39	21.58	21.96	23.16	23.54
8	16.90	18.10	16.86	18.05	18.43	19.63	20.01	21.20	22.40	22.78	23.97	0.35
9	17.72	18.91	17.67	18.86	19.24	20.44	20.82	22.01	23.21	23.59	0.78	1.16
10	18.53	19.72	18.48	19.67	20.06	21.25	21.63	22.83	0.02	0.40	1.60	1.98
11	19.34	20.54	19.29	20.49	20.87	22.06	22.44	23.64	0.83	1.21	2.41	2.79
12	20.16	21.35	20.11	21.30	21.68	22.88	23.26	0.45	1.65	2.03	3.22	3.60
13	20.97	22.16	20.92	22.11	22.49	23.69	0.07	1.26	2.46	2.84	4.03	4.42
14	21.78	22.96	21.73	22.93	23.31	0.50	0.88	2.08	3.27	3.65	4.85	5.23
15	22.59	23.79	22.54	23.74	0.12	1.31	1.70	2.89	4.08	4.47	5.66	6.04
16	23.41	0.60	23.36	0.55	0.93	2.13	2.51	3.70	4.90	5.28	6.47	6.85
17	0.22	1.41	0.17	1.36	1.75	2.94	3.32	4.52	5.71	6.09	7.29	7.67
18	1.03	2.23	0.96	2.18	2.56	3.75	4.13	5.33	6.52	6.90	8.10	8.48
19	1.84	3.04	1.79	2.99	3.37	4.57	4.95	6.14	7.33	7.72	8.91	9.29
20	2.66	3.85	2.61	3.80	4.18	5.38	5.76	6.95	8.15	8.53	9.72	10.10
21	3.47	4.66	3.42	4.61	5.00	6.19	6.57	7.77	8.96	9.34	10.54	10.92
22	4.28	5.46	4.23	5.43	5.81	7.00	7.38	8.58	9.77	10.15	11.35	11.73
23	5.10	6.29	5.05	6.24	6.62	7.82	8.20	9.39	10.59	10.97	12.16	12.54
24	5.91	7.10	5.86	7.05	7.43	8.63	9.01	10.20	11.40	11.78	12.97	13.36
25	6.72	7.92	6.67	7.87	8.25	9.44	9.82	11.02	12.21	12.59	13.79	14.17
26	7.53	8.73	7.48	8.68	9.06	10.25	10.64	11.83	13.02	13.41	14.60	14.98
27	8.35	9.54	8.30	9.49	9.87	11.07	11.45	12.64	13.84	14.22	15.41	15.79
28	9.16	10.35	9.11	10.30	10.68	11.88	12.26	13.46	14.65	15.03	16.22	16.61
29	9.97		9.92	11.12	11.50	12.69	13.07	14.27	15.46	15.84	17.04	17.42
30	10.78		10.73	11.93	12.31	13.50	13.89	15.08	16.27	16.66	17.85	18.23
31	11.60		11.55		13.12		14.70	15.89		17.47		19.04

TABLE 1 (CONTINUED) LUNAR PHASE MU

YEAR 2000

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	19.86	21.05	20.62	21.81	22.20	23.39	23.77	0.97	2.16	2.54	3.74	4.12
2	20.67	21.86	21.43	22.63	23.01	0.20	0.58	1.78	2.97	3.35	4.55	4.93
3	21.48	22.68	22.25	23.44	23.82	1.02	1.40	2.59	3.79	4.17	5.36	5.74
4	22.30	23.49	23.06	0.25	0.63	1.83	2.21	3.40	4.60	4.98	6.17	6.56
5	23.11	0.30	23.87	1.07	1.45	2.64	3.02	4.22	5.41	5.79	6.99	7.37
6	23.92	1.12	0.68	1.88	2.26	3.45	3.84	5.03	6.22	6.61	7.80	8.18
7	0.73	1.93	1.50	2.69	3.07	4.27	4.65	5.84	7.04	7.42	8.61	8.99
8	1.55	2.74	2.31	3.50	3.89	5.08	5.46	6.65	7.85	8.23	9.43	9.81
9	2.36	3.55	3.12	4.32	4.70	5.89	6.27	7.47	8.66	9.04	10.24	10.62
10	3.17	4.37	3.93	5.13	5.51	6.70	7.09	8.28	9.47	9.86	11.05	11.43
11	3.98	5.18	4.75	5.94	6.32	7.52	7.90	9.09	10.29	10.67	11.86	12.24
12	4.80	5.99	5.56	6.75	7.14	8.33	8.71	9.91	11.10	11.48	12.68	13.06
13	5.61	6.80	6.37	7.57	7.95	9.14	9.52	10.72	11.91	12.29	13.49	13.87
14	6.42	7.62	7.19	8.38	8.76	9.96	10.34	11.53	12.73	13.11	14.30	14.68
15	7.24	8.43	8.00	9.19	9.57	10.77	11.15	12.34	13.54	13.92	15.11	15.50
16	8.05	9.24	8.81	10.01	10.39	11.58	11.96	13.16	14.35	14.73	15.93	16.31
17	8.86	10.06	9.62	10.82	11.20	12.39	12.78	13.97	15.16	15.55	16.74	17.12
18	9.67	10.87	10.44	11.63	12.01	13.21	13.59	14.78	15.98	16.36	17.55	17.93
19	10.49	11.68	11.25	12.44	12.83	14.02	14.40	15.59	16.79	17.17	18.37	18.75
20	11.30	12.49	12.06	13.26	13.64	14.83	15.21	16.41	17.60	17.98	19.18	19.56
21	12.11	13.31	12.87	14.07	14.45	15.64	16.03	17.22	18.41	18.80	19.99	20.37
22	12.92	14.12	13.69	14.88	15.26	16.46	16.84	18.03	19.23	19.61	20.80	21.18
23	13.74	14.93	14.50	15.69	16.08	17.27	17.65	18.85	20.04	20.42	21.62	22.00
24	14.55	15.74	15.31	16.51	16.89	18.08	18.46	19.66	20.85	21.23	22.43	22.81
25	15.36	16.56	16.13	17.32	17.70	18.90	19.28	20.47	21.67	22.05	23.24	23.62
26	16.18	17.37	16.94	18.13	18.51	19.71	20.09	21.28	22.48	22.86	0.05	0.44
27	16.99	18.18	17.75	18.95	19.33	20.52	20.90	22.10	23.29	23.67	0.87	1.25
28	17.80	19.00	18.56	19.76	20.14	21.33	21.72	22.91	0.10	0.49	1.68	2.06
29	18.61	19.81	19.38	20.57	20.95	22.15	22.53	23.72	0.92	1.30	2.49	2.87
30	19.43		20.19	21.38	21.76	22.96	23.34	0.53	1.73	2.11	3.30	3.69
31	20.24		21.00		22.58		0.15	1.35		2.92		4.50

TABLE 1 (CONTINUED) LUNAR PHASE MU

YEAR 2001

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	5.31	6.51	5.26	6.46	6.84	8.03	8.41	9.61	10.80	11.18	12.38	12.76
2	6.12	7.32	6.07	7.27	7.65	8.84	9.23	10.42	11.61	12.00	13.19	13.57
3	6.94	8.13	6.89	8.08	8.46	9.66	10.04	11.23	12.43	12.81	14.00	14.38
4	7.75	8.94	7.70	8.89	9.28	10.47	10.85	12.05	13.24	13.62	14.82	15.20
5	8.56	9.76	8.51	9.71	10.09	11.28	11.66	12.86	14.05	14.43	15.63	16.01
6	9.38	10.57	9.33	10.52	10.90	12.10	12.48	13.67	14.87	15.25	16.44	16.82
7	10.19	11.38	10.14	11.33	11.71	12.91	13.29	14.48	15.68	16.06	17.25	17.64
8	11.00	12.19	10.95	12.15	12.53	13.72	14.10	15.30	16.49	16.87	18.07	18.45
9	11.81	13.01	11.76	12.96	13.34	14.53	14.92	16.11	17.30	17.69	18.88	19.26
10	12.63	13.82	12.58	13.77	14.15	15.35	15.73	16.92	18.12	18.50	19.69	20.07
11	13.44	14.63	13.39	14.58	14.96	16.16	16.54	17.73	18.93	19.31	20.50	20.89
12	14.25	15.45	14.20	15.40	15.78	16.97	17.35	18.55	19.74	20.12	21.32	21.70
13	15.06	16.26	15.01	16.21	16.59	17.78	18.17	19.36	20.55	20.94	22.13	22.51
14	15.88	17.07	15.83	17.02	17.40	18.60	18.98	20.17	21.37	21.75	22.94	23.32
15	16.69	17.88	16.64	17.83	18.22	19.41	19.79	20.99	22.18	22.56	23.76	0.14
16	17.50	18.70	17.45	18.65	19.03	20.22	20.60	21.80	22.99	23.37	0.57	0.95
17	18.32	19.51	18.27	19.46	19.84	21.04	21.42	22.61	23.81	0.19	1.38	1.76
18	19.13	20.32	19.08	20.27	20.65	21.85	22.23	23.42	0.62	1.00	2.19	2.58
19	19.94	21.13	19.89	21.08	21.47	22.66	23.04	0.24	1.43	1.81	3.01	3.39
20	20.75	21.95	20.70	21.90	22.28	23.47	23.86	1.05	2.24	2.62	3.82	4.20
21	21.57	22.76	21.52	22.71	23.09	0.29	0.67	1.86	3.06	3.44	4.63	5.01
22	22.38	23.57	22.33	23.52	23.90	1.10	1.48	2.67	3.87	4.25	5.44	5.83
23	23.19	0.39	23.14	0.34	0.72	1.91	2.29	3.49	4.68	5.06	6.26	6.64
24	0.00	1.20	23.95	1.15	1.53	2.72	3.11	4.30	5.49	5.88	7.07	7.45
25	0.82	2.01	0.77	1.96	2.34	3.54	3.92	5.11	6.31	6.69	7.88	8.26
26	1.63	2.82	1.58	2.77	3.16	4.35	4.73	5.93	7.12	7.50	8.70	9.08
27	2.44	3.64	2.39	3.59	3.97	5.16	5.54	6.74	7.93	8.31	9.51	9.89
28	3.26	4.45	3.21	4.40	4.78	5.98	6.36	7.55	8.75	9.13	10.32	10.70
29	4.07		4.02	5.21	5.59	6.79	7.17	8.36	9.56	9.94	11.13	11.52
30	4.88		4.83	6.02	6.41	7.60	7.98	9.18	10.37	10.75	11.95	12.33
31	5.69		5.64		7.22		8.40	9.99		11.56		13.14

TABLE 1 (CONTINUED) LUNAR PHASE MU

YEAR 2002

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	13.95	15.15	13.90	15.10	15.48	16.67	17.05	18.25	19.44	19.62	21.02	21.40
2	14.77	15.96	14.72	15.91	16.29	17.49	17.87	19.06	20.26	20.44	21.83	22.21
3	15.58	16.77	15.53	16.72	17.10	18.30	18.68	19.87	21.07	21.45	22.84	23.03
4	16.39	17.59	16.34	17.54	17.92	19.11	19.49	20.69	21.88	22.26	23.66	23.84
5	17.20	18.40	17.15	18.35	18.73	19.92	20.31	21.50	22.69	23.08	0.27	0.65
6	18.02	19.21	17.97	19.16	19.54	20.74	21.12	22.31	23.51	23.89	1.08	1.46
7	18.83	20.02	18.78	19.97	20.36	21.55	21.93	23.13	0.32	0.70	1.90	2.28
8	19.64	20.84	19.59	20.79	21.17	22.36	22.74	23.94	1.13	1.51	2.71	3.09
9	20.45	21.65	20.41	21.60	21.98	23.18	23.56	0.75	1.95	2.33	3.52	3.90
10	21.27	22.46	21.22	22.41	22.79	23.99	0.37	1.56	2.76	3.14	4.33	4.72
11	22.08	23.27	22.03	23.23	23.61	0.80	1.18	2.38	3.57	3.95	5.15	5.53
12	22.89	0.09	22.84	0.04	0.42	1.61	1.99	3.19	4.38	4.76	5.96	6.34
13	23.71	0.90	23.66	0.85	1.23	2.43	2.81	4.00	5.20	5.58	6.77	7.15
14	0.52	1.71	0.47	1.66	2.04	3.24	3.62	4.81	6.01	6.39	7.58	7.97
15	1.33	2.53	1.28	2.48	2.86	4.05	4.43	5.63	6.82	7.20	8.40	8.78
16	2.14	3.34	2.09	3.29	3.67	4.86	5.25	6.44	7.63	8.02	9.21	9.59
17	2.96	4.15	2.91	4.10	4.48	5.68	6.06	7.25	8.45	8.83	10.02	10.40
18	3.77	4.96	3.72	4.91	5.30	6.49	6.87	8.07	9.26	9.64	10.84	11.22
19	4.58	5.78	4.53	5.73	6.11	7.30	7.68	8.88	10.07	10.45	11.65	12.03
20	5.39	6.59	5.35	6.54	6.92	8.12	8.50	9.69	10.88	11.27	12.46	12.84
21	6.21	7.40	6.16	7.35	7.73	8.93	9.31	10.50	11.70	12.08	13.27	13.65
22	7.02	8.21	6.97	8.16	8.55	9.74	10.12	11.32	12.51	12.89	14.09	14.47
23	7.83	9.03	7.78	8.98	9.36	10.55	10.93	12.13	13.32	13.70	14.90	15.28
24	8.65	9.84	8.60	9.79	10.17	11.37	11.75	12.94	14.14	14.52	15.71	16.09
25	9.46	10.65	9.41	10.60	10.98	12.18	12.56	13.75	14.95	15.33	16.52	16.91
26	10.27	11.47	10.22	11.42	11.80	12.99	13.37	14.57	15.76	16.14	17.34	17.72
27	11.08	12.28	11.03	12.23	12.61	13.80	14.19	15.38	16.57	16.96	18.15	18.53
28	11.90	13.09	11.85	13.04	13.42	14.62	15.00	16.19	17.39	17.77	18.96	19.34
29	12.71	12.66	13.85	14.24	15.43	15.81	17.01	18.20	18.58	19.78	20.16	
30	13.52		13.47	14.67	15.05	16.24	16.62	17.82	19.01	19.39	20.59	20.97
31	14.33		14.29		15.86		17.44	18.63		20.21		21.78

TABLE 1 (CONTINUED) LUNAR PHASE MU

YEAR 2003

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	22.59	23.79	22.55	23.74	0.12	1.32	1.70	2.89	4.09	4.47	5.66	6.04
2	23.41	0.60	23.36	0.55	0.93	2.13	2.51	3.70	4.90	5.28	6.47	6.85
3	0.22	1.41	0.17	1.36	1.75	2.94	3.32	4.52	5.71	6.09	7.29	7.67
4	1.03	2.23	0.98	2.18	2.56	3.75	4.13	5.33	6.52	6.90	8.10	8.48
5	1.85	3.04	1.80	2.99	3.37	4.57	4.95	6.14	7.34	7.72	8.91	9.29
6	2.66	3.85	2.61	3.80	4.18	5.38	5.76	6.95	8.15	8.53	9.72	10.11
7	3.47	4.67	3.42	4.62	5.00	6.19	6.57	7.77	8.96	9.34	10.54	10.92
8	4.28	5.48	4.23	5.43	5.81	7.00	7.39	8.58	9.77	10.16	11.35	11.73
9	5.10	6.29	5.05	6.24	6.62	7.82	8.20	9.39	10.59	10.97	12.16	12.54
10	5.91	7.10	5.86	7.05	7.44	8.63	9.01	10.21	11.40	11.78	12.98	13.36
11	6.72	7.92	6.67	7.87	8.25	9.44	9.82	11.02	12.21	12.59	13.79	14.17
12	7.53	8.73	7.49	8.68	9.06	10.25	10.64	11.83	13.03	13.41	14.60	14.98
13	8.35	9.54	8.30	9.49	9.87	11.07	11.45	12.64	13.84	14.22	15.41	15.79
14	9.16	10.35	9.11	10.30	10.69	11.88	12.26	13.46	14.65	15.03	16.23	16.61
15	9.97	11.17	9.92	11.12	11.50	12.69	13.07	14.27	15.46	15.84	17.04	17.42
16	10.79	11.98	10.74	11.93	12.31	13.51	13.89	15.08	16.28	16.66	17.85	18.23
17	11.60	12.79	11.55	12.74	13.12	14.32	14.70	15.89	17.09	17.47	18.66	19.05
18	12.41	13.61	12.36	13.56	13.94	15.13	15.51	16.71	17.90	18.28	19.48	19.86
19	13.22	14.42	13.17	14.37	14.75	15.94	16.33	17.52	18.71	19.10	20.29	20.67
20	14.04	15.23	13.99	15.18	15.56	16.76	17.14	18.33	19.53	19.91	21.10	21.48
21	14.85	16.04	14.80	15.99	16.38	17.57	17.95	19.15	20.34	20.72	21.92	22.30
22	15.66	16.86	15.61	16.81	17.19	18.38	18.76	19.96	21.15	21.53	22.73	23.11
23	16.47	17.67	16.42	17.62	18.00	19.19	19.58	20.77	21.96	22.35	23.54	23.92
24	17.29	18.48	17.24	18.43	18.81	20.01	20.39	21.58	22.78	23.16	0.35	0.73
25	18.10	19.29	18.05	19.24	19.63	20.82	21.20	22.40	23.59	23.97	1.17	1.55
26	18.91	20.11	18.86	20.06	20.44	21.63	22.01	23.21	0.40	0.78	1.98	2.36
27	19.73	20.92	19.68	20.87	21.25	22.45	22.83	0.02	1.22	1.60	2.79	3.17
28	20.54	21.73	20.49	21.68	22.06	23.26	23.64	0.83	2.03	2.41	3.60	3.99
29	21.35		21.30	22.90	22.88	0.07	0.45	1.65	2.84	3.22	4.42	4.80
30	22.16		22.11	23.31	23.69	0.88	1.27	2.46	3.65	4.04	5.23	5.61
31	22.98		22.93		0.50		2.08	3.27		4.65		6.42

TABLE 1 (CONTINUED) LUNAR PHASE MU

YEAR 2004

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	7.24	8.43	8.00	9.19	9.58	10.77	11.15	12.35	13.54	13.92	15.12	15.50
2	8.05	9.24	8.81	10.01	10.39	11.58	11.96	13.16	14.35	14.73	15.93	16.31
3	8.86	10.06	9.62	10.82	11.20	12.39	12.78	13.97	15.16	15.55	16.74	17.12
4	9.67	10.87	10.44	11.63	12.01	13.21	13.59	14.78	15.98	16.36	17.55	17.93
5	10.49	11.68	11.25	12.44	12.83	14.02	14.40	15.60	16.79	17.17	18.37	18.75
6	11.30	12.49	12.06	13.26	13.64	14.83	15.21	16.41	17.60	17.98	19.18	19.56
7	12.11	13.31	12.88	14.07	14.45	15.65	16.03	17.22	18.42	18.80	19.99	20.37
8	12.93	14.12	13.69	14.88	15.26	16.46	16.84	18.03	19.23	19.61	20.80	21.19
9	13.74	14.93	14.50	15.70	16.08	17.27	17.65	18.85	20.04	20.42	21.62	22.00
10	14.55	15.75	15.31	16.51	16.89	18.08	18.47	19.66	20.85	21.24	22.43	22.81
11	15.36	16.56	16.13	17.32	17.70	18.90	19.28	20.47	21.67	22.05	23.24	23.62
12	16.18	17.37	16.94	18.13	18.52	19.71	20.09	21.28	22.48	22.86	0.05	0.44
13	16.99	18.18	17.75	18.95	19.33	20.52	20.90	22.10	23.29	23.67	0.87	1.25
14	17.80	19.00	18.56	19.76	20.14	21.33	21.72	22.91	0.10	0.49	1.68	2.06
15	18.61	19.81	19.38	20.57	20.95	22.15	22.53	23.72	0.92	1.30	2.49	2.87
16	19.43	20.62	20.19	21.38	21.77	22.96	23.34	0.54	1.73	2.11	3.31	3.69
17	20.24	21.43	21.00	22.20	22.58	23.77	0.15	1.35	2.54	2.92	4.12	4.50
18	21.05	22.25	21.82	23.01	23.39	0.59	0.97	2.16	3.36	3.74	4.93	5.31
19	21.87	23.06	22.63	23.82	0.20	1.40	1.78	2.97	4.17	4.55	5.74	6.13
20	22.68	23.87	23.44	0.64	1.02	2.21	2.59	3.79	4.98	5.36	6.56	6.94
21	23.49	0.68	0.25	1.45	1.83	3.02	3.41	4.60	5.79	6.18	7.37	7.75
22	0.30	1.50	1.07	2.26	2.64	3.84	4.22	5.41	6.61	6.99	8.18	8.56
23	1.12	2.31	1.88	3.07	3.46	4.65	5.03	6.22	7.42	7.80	8.99	9.38
24	1.93	3.12	2.69	3.89	4.27	5.46	5.84	7.04	8.23	8.61	9.81	10.19
25	2.74	3.94	3.50	4.70	5.08	6.27	6.66	7.85	9.04	9.43	10.62	11.00
26	3.55	4.75	4.32	5.51	5.89	7.09	7.47	8.66	9.86	10.24	11.43	11.81
27	4.37	5.56	5.13	6.32	6.71	7.90	8.28	9.48	10.67	11.05	12.25	12.63
28	5.18	6.37	5.94	7.14	7.52	8.71	9.09	10.29	11.48	11.86	13.06	13.44
29	5.99	7.19	6.76	7.95	8.33	9.53	9.91	11.10	12.30	12.68	13.87	14.25
30	6.81		7.57	8.76	9.14	10.34	10.72	11.91	13.11	13.49	14.68	15.07
31	7.62		8.38		9.96		11.53	12.73		14.30		15.88

TABLE 1 (CONTINUED) LUNAR PHASE MU

YEAR 2005

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	16.68	17.89	18.84	17.84	18.22	19.41	19.79	20.99	22.18	22.56	23.76	0.14
2	17.50	18.70	17.45	18.65	19.03	20.22	20.61	21.80	22.99	23.38	0.57	0.95
3	18.32	19.51	18.27	19.46	19.84	21.04	21.42	22.61	23.81	0.19	1.38	1.76
4	19.13	20.32	19.08	20.27	20.65	21.85	22.23	23.42	0.62	1.00	2.19	2.58
5	19.94	21.14	19.89	21.09	21.47	22.66	23.04	0.24	1.43	1.81	3.01	3.39
6	20.75	21.95	20.70	21.90	22.28	23.47	23.86	1.05	2.24	2.63	3.82	4.20
7	21.57	22.76	21.52	22.71	23.09	0.29	0.67	1.86	3.06	3.44	4.63	5.01
8	22.38	23.57	22.33	23.52	23.91	1.10	1.48	2.68	3.87	4.25	5.45	5.83
9	23.19	0.39	23.14	0.34	0.72	1.91	2.29	3.49	4.68	5.06	6.26	6.64
10	0.01	1.20	23.96	1.15	1.53	2.73	3.11	4.30	5.50	5.88	7.07	7.45
11	0.82	2.01	0.77	1.96	2.34	3.54	3.92	5.11	6.31	6.69	7.88	8.27
12	1.63	2.82	1.58	2.78	3.16	4.35	4.73	5.93	7.12	7.50	8.70	9.08
13	2.44	3.64	2.39	3.59	3.97	5.16	5.55	6.74	7.93	8.32	9.51	9.89
14	3.26	4.45	3.21	4.40	4.78	5.98	6.36	7.55	8.75	9.13	10.32	10.70
15	4.07	5.26	4.02	5.21	5.59	6.79	7.17	8.36	9.56	9.94	11.13	11.52
16	4.88	6.08	4.83	6.03	6.41	7.60	7.98	9.18	10.37	10.75	11.95	12.33
17	5.69	6.89	5.64	6.84	7.22	8.41	8.80	9.99	11.18	11.57	12.76	13.14
18	6.51	7.70	6.46	7.65	8.03	9.23	9.61	10.80	12.00	12.38	13.57	13.95
19	7.32	8.51	7.27	8.46	8.85	10.04	10.42	11.62	12.81	13.19	14.39	14.77
20	8.13	9.33	8.08	9.28	9.66	10.85	11.23	12.43	13.62	14.00	15.20	15.58
21	8.95	10.14	8.90	10.09	10.47	11.67	12.05	13.24	14.44	14.82	16.01	16.39
22	9.76	10.95	9.71	10.90	11.28	12.48	12.86	14.05	15.25	15.63	16.82	17.21
23	10.57	11.76	10.52	11.71	12.10	13.29	13.67	14.87	16.06	16.44	17.64	18.02
24	11.38	12.58	11.33	12.53	12.91	14.10	14.48	15.68	16.87	17.25	18.45	18.83
25	12.20	13.39	12.15	13.34	13.72	14.92	15.30	16.49	17.69	18.07	19.26	19.64
26	13.01	14.20	12.96	14.15	14.53	15.73	16.11	17.30	18.50	18.88	20.07	20.46
27	13.82	15.02	13.77	14.97	15.35	16.54	16.92	18.12	19.31	19.69	20.89	21.27
28	14.63	15.83	14.58	15.78	16.16	17.35	17.74	18.93	20.12	20.51	21.70	22.08
29	15.45		15.40	16.59	16.97	18.17	18.55	19.74	20.94	21.32	22.51	22.89
30	16.26		16.21	17.40	17.79	18.98	19.36	20.56	21.75	22.13	23.33	23.71
31	17.07		17.02		18.60		20.17	21.37		22.94		0.52

TABLE 1 (CONTINUED) LUNAR PHASE MU

YEAR 2006

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	1.33	2.53	1.28	2.46	2.86	4.05	4.43	5.63	6.62	7.20	8.40	8.78
2	2.14	3.34	2.10	3.29	3.67	4.67	5.25	6.44	7.64	8.02	9.21	9.59
3	2.96	4.15	2.91	4.10	4.48	5.66	6.06	7.25	8.45	8.83	10.02	10.41
4	3.77	4.96	3.72	4.91	5.30	6.49	6.87	8.07	9.26	9.64	10.84	11.22
5	4.58	5.78	4.53	5.73	6.11	7.30	7.68	8.88	10.07	10.45	11.65	12.03
6	5.40	6.59	5.35	6.54	6.92	8.12	8.50	9.69	10.89	11.27	12.46	12.84
7	6.21	7.40	6.16	7.35	7.73	8.93	9.31	10.50	11.70	12.08	13.27	13.65
8	7.02	8.22	6.97	8.17	8.55	9.74	10.12	11.32	12.51	12.89	14.09	14.47
9	7.83	9.03	7.78	8.98	9.36	10.55	10.94	12.13	13.32	13.71	14.90	15.28
10	8.65	9.84	8.60	9.79	10.17	11.37	11.75	12.94	14.14	14.52	15.71	16.09
11	9.46	10.65	9.41	10.60	10.99	12.18	12.56	13.76	14.95	15.33	16.53	16.91
12	10.27	11.47	10.22	11.42	11.80	12.99	13.37	14.57	15.76	16.14	17.34	17.72
13	11.08	12.28	11.04	12.23	12.61	13.81	14.19	15.38	16.57	16.96	18.15	18.53
14	11.90	13.09	11.85	13.04	13.42	14.62	15.00	16.19	17.39	17.77	18.96	19.34
15	12.71	13.90	12.66	13.85	14.24	15.43	15.81	17.01	18.20	18.58	19.78	20.16
16	13.52	14.72	13.47	14.67	15.05	16.24	16.62	17.82	19.01	19.39	20.59	20.97
17	14.34	15.53	14.29	15.48	15.86	17.06	17.44	18.63	19.83	20.21	21.40	21.78
18	15.15	16.34	15.10	16.29	16.67	17.87	18.25	19.44	20.64	21.02	22.21	22.60
19	15.96	17.16	15.91	17.11	17.49	18.68	19.06	20.26	21.45	21.83	23.03	23.41
20	16.77	17.97	16.72	17.92	18.30	19.49	19.88	21.07	22.26	22.65	23.84	0.22
21	17.59	18.78	17.54	18.73	19.11	20.31	20.69	21.88	23.08	23.46	0.65	1.03
22	18.40	19.59	18.35	19.54	19.93	21.12	21.50	22.70	23.89	0.27	1.47	1.85
23	19.21	20.41	19.16	20.36	20.74	21.93	22.31	23.51	0.70	1.08	2.28	2.66
24	20.02	21.22	19.98	21.17	21.55	22.75	23.13	0.32	1.51	1.90	3.09	3.47
25	20.84	22.03	20.79	21.98	22.36	23.56	23.94	1.13	2.33	2.71	3.90	4.28
26	21.65	22.84	21.60	22.79	23.18	0.37	0.75	1.95	3.14	3.52	4.72	5.10
27	22.46	23.66	22.41	23.61	23.99	1.18	1.56	2.76	3.95	4.33	5.53	5.91
28	23.28	0.47	23.23	0.42	0.80	2.00	2.38	3.57	4.77	5.15	6.34	6.72
29	0.09		0.04	1.23	1.61	2.81	3.19	4.38	5.58	5.96	7.15	7.54
30	0.90		0.85	2.05	2.43	3.62	4.00	5.20	6.39	6.77	7.97	8.35
31	1.71		1.66		3.24		4.62	6.01		7.99		9.16

TABLE 1 (CONTINUED) LUNAR PHASE MU

YEAR 2007

JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
9.97	11.17	9.92	11.12	11.90	12.68	13.06	14.27	15.46	15.85	17.04	17.42
10.79	11.98	10.74	11.93	12.31	13.51	13.89	15.08	16.28	16.66	17.85	18.23
11.60	12.79	11.55	12.74	13.13	14.32	14.70	15.90	17.09	17.47	18.67	19.05
12.41	13.61	12.36	13.56	13.94	15.13	15.51	16.71	17.90	18.28	19.48	19.86
13.22	14.42	13.18	14.37	14.75	15.94	16.33	17.52	18.71	19.10	20.29	20.67
14.04	15.23	13.99	15.18	15.56	16.76	17.14	18.33	19.53	19.91	21.10	21.48
14.85	16.04	14.80	15.99	16.38	17.57	17.95	19.15	20.34	20.72	21.92	22.30
15.66	16.86	15.61	16.81	17.19	18.38	18.76	19.96	21.15	21.53	22.73	23.11
16.48	17.67	16.43	17.62	18.00	19.20	19.58	20.77	21.97	22.35	23.54	23.92
17.29	18.48	17.24	18.43	18.81	20.01	20.39	21.58	22.78	23.16	0.35	0.74
18.10	19.30	18.05	19.25	19.63	20.82	21.20	22.40	23.59	23.97	1.17	1.55
18.91	20.11	18.86	20.06	20.44	21.63	22.02	23.21	0.40	0.79	1.98	2.36
19.73	20.92	19.68	20.87	21.25	22.45	22.83	0.02	1.22	1.60	2.79	3.17
20.54	21.73	20.49	21.68	22.07	23.26	23.64	0.84	2.03	2.41	3.61	3.99
21.35	22.55	21.30	22.50	22.88	0.07	0.45	1.65	2.84	3.22	4.42	4.80
22.16	23.36	22.11	23.31	23.69	0.88	1.27	2.46	3.65	4.04	5.23	5.61
22.98	0.17	22.93	0.12	0.50	1.70	2.08	3.27	4.47	4.85	6.04	6.42
23.79	0.98	23.74	0.93	1.32	2.51	2.89	4.09	5.28	5.66	6.86	7.24
0.60	1.80	0.55	1.75	2.13	3.32	3.70	4.90	6.09	6.47	7.67	8.05
1.42	2.61	1.37	2.56	2.94	4.14	4.52	5.71	6.91	7.29	8.48	8.86
2.23	3.42	2.18	3.37	3.75	4.95	5.33	6.52	7.72	8.10	9.29	9.68
3.04	4.24	2.99	4.19	4.57	5.76	6.14	7.34	8.53	8.91	10.11	10.49
3.85	5.05	3.80	5.00	5.38	6.57	6.96	8.15	9.34	9.73	10.92	11.30
4.67	5.86	4.62	5.81	6.19	7.39	7.77	8.96	10.16	10.54	11.73	12.11
5.48	6.67	5.43	6.62	7.00	8.20	8.58	9.77	10.97	11.35	12.54	12.93
6.29	7.49	6.24	7.44	7.82	9.01	9.39	10.59	11.78	12.16	13.36	13.74
7.10	8.30	7.05	8.25	8.63	9.82	10.21	11.40	12.59	12.98	14.17	14.55
7.92	9.11	7.87	9.06	9.44	10.64	11.02	12.21	13.41	13.79	14.98	15.36
8.73		8.68	9.87	10.26	11.45	11.83	13.03	14.22	14.60	15.80	16.18
9.54		9.49	10.69	11.07	12.26	12.64	13.84	15.03	15.41	16.61	16.99
10.36		10.31		11.68		13.46	14.65		16.23		17.60

TABLE 1 (CONTINUED) LUNAR PHASE MU

YEAR 2008

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	16.62	19.81	19.38	20.97	20.95	22.15	22.53	23.72	0.92	1.30	2.49	2.68
2	19.43	20.62	20.19	21.39	21.77	22.96	23.34	0.54	1.73	2.11	3.31	3.69
3	20.24	21.43	21.00	22.20	22.58	23.77	0.16	1.35	2.54	2.93	4.12	4.50
4	21.05	22.25	21.82	23.01	23.39	0.59	0.97	2.16	3.36	3.74	4.93	5.31
5	21.67	23.06	22.63	23.82	0.21	1.40	1.78	2.97	4.17	4.55	5.74	6.13
6	22.68	23.87	23.44	0.64	1.02	2.21	2.59	3.79	4.98	5.36	6.56	6.94
7	23.49	0.68	0.25	1.45	1.83	3.02	3.41	4.60	5.79	6.18	7.37	7.75
8	0.30	1.90	1.07	2.26	2.64	3.84	4.22	5.41	6.61	6.99	8.18	8.56
9	1.12	2.31	1.88	3.07	3.46	4.65	5.03	6.23	7.42	7.80	9.00	9.38
10	1.93	3.12	2.69	3.89	4.27	5.46	5.84	7.04	8.23	8.61	9.81	10.19
11	2.74	3.94	3.51	4.70	5.08	6.28	6.66	7.85	9.05	9.43	10.62	11.00
12	3.56	4.75	4.32	5.51	5.89	7.09	7.47	8.66	9.86	10.24	11.43	11.82
13	4.37	5.56	5.13	6.33	6.71	7.90	8.28	9.48	10.67	11.05	12.25	12.63
14	5.18	6.37	5.94	7.14	7.52	8.71	9.10	10.29	11.48	11.86	13.06	13.44
15	5.99	7.19	6.76	7.95	8.33	9.53	9.91	11.10	12.30	12.68	13.87	14.25
16	6.81	8.00	7.57	8.76	9.14	10.34	10.72	11.91	13.11	13.49	14.68	15.07
17	7.62	8.81	8.38	9.58	9.96	11.15	11.53	12.73	13.92	14.30	15.50	15.88
18	8.43	9.63	9.19	10.39	10.77	11.96	12.35	13.54	14.73	15.12	16.31	16.69
19	9.24	10.44	10.01	11.20	11.58	12.78	13.16	14.35	15.55	15.93	17.12	17.50
20	10.06	11.25	10.82	12.01	12.40	13.59	13.97	15.17	16.36	16.74	17.94	18.32
21	10.87	12.06	11.63	12.83	13.21	14.40	14.78	15.98	17.17	17.55	18.75	19.13
22	11.68	12.88	12.45	13.64	14.02	15.22	15.60	16.79	17.99	18.37	19.56	19.94
23	12.50	13.68	13.26	14.45	14.83	16.03	16.41	17.60	18.80	19.18	20.37	20.76
24	13.31	14.50	14.07	15.27	15.65	16.84	17.22	18.42	19.61	19.99	21.19	21.57
25	14.12	15.31	14.88	16.08	16.46	17.66	18.04	19.23	20.42	20.80	22.00	22.38
26	14.93	16.13	15.70	16.89	17.27	18.47	18.85	20.04	21.24	21.62	22.81	23.19
27	15.75	16.94	16.51	17.70	18.08	19.28	19.66	20.85	22.05	22.43	23.62	0.01
28	16.56	17.75	17.32	18.52	18.90	20.09	20.47	21.67	22.86	23.24	0.44	0.82
29	17.37	18.57	18.15	19.33	19.71	20.90	21.29	22.48	23.67	0.06	1.25	1.63
30	18.18		18.95	20.14	20.52	21.72	22.10	23.29	0.49	0.87	2.06	2.44
31	19.00		19.76		21.34		22.91	0.11		1.68		3.26

TABLE 1 (CONTINUED) LUNAR PHASE MU

YEAR 2009

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	4.07	5.26	4.02	5.21	5.80	6.79	7.17	8.37	9.56	9.94	11.14	11.82
2	4.88	6.08	4.83	6.03	6.41	7.80	7.98	9.18	10.37	10.75	11.95	12.33
3	5.70	6.89	5.65	6.84	7.22	8.42	8.60	9.99	11.19	11.57	12.76	13.14
4	6.51	7.70	6.46	7.65	8.03	9.23	9.61	10.80	12.00	12.38	13.57	13.95
5	7.32	8.51	7.27	8.46	8.85	10.04	10.42	11.62	12.81	13.19	14.39	14.77
6	8.13	9.33	8.08	9.28	9.66	10.85	11.23	12.43	13.62	14.01	15.20	15.58
7	8.95	10.14	8.90	10.09	10.47	11.67	12.05	13.24	14.44	14.82	16.01	16.39
8	9.76	10.95	9.71	10.90	11.28	12.48	12.86	14.05	15.25	15.63	16.82	17.21
9	10.57	11.77	10.52	11.72	12.10	13.29	13.67	14.87	16.06	16.44	17.64	18.02
10	11.38	12.58	11.33	12.53	12.91	14.10	14.49	15.68	16.87	17.26	18.45	18.83
11	12.20	13.39	12.15	13.34	13.72	14.92	15.30	16.49	17.68	18.07	19.26	19.64
12	13.01	14.20	12.96	14.15	14.54	15.73	16.11	17.31	18.50	18.88	20.08	20.46
13	13.82	15.02	13.77	14.97	15.35	16.54	16.92	18.12	19.31	19.69	20.89	21.27
14	14.63	15.83	14.58	15.78	16.16	17.36	17.74	18.93	20.13	20.51	21.70	22.08
15	15.45	16.64	15.40	16.59	16.97	18.17	18.55	19.74	20.94	21.32	22.51	22.89
16	16.26	17.45	16.21	17.40	17.79	18.98	19.36	20.56	21.75	22.13	23.33	23.71
17	17.07	18.27	17.02	18.22	18.60	19.79	20.17	21.37	22.56	22.94	0.14	0.52
18	17.89	19.08	17.84	19.03	19.41	20.61	20.99	22.18	23.38	23.76	0.95	1.33
19	18.70	19.89	18.65	19.84	20.22	21.42	21.80	22.99	0.19	0.57	1.76	2.15
20	19.51	20.71	19.46	20.66	21.04	22.23	22.61	23.81	1.00	1.38	2.56	2.94
21	20.32	21.52	20.27	21.47	21.85	23.04	23.43	0.62	1.81	2.20	3.39	3.77
22	21.14	22.33	21.09	22.28	22.66	23.86	0.24	1.43	2.63	3.01	4.20	4.58
23	21.95	23.14	21.90	23.09	23.48	0.67	1.05	2.25	3.44	3.82	5.02	5.40
24	22.76	23.96	22.71	23.91	0.29	1.48	1.86	3.06	4.25	4.63	5.83	6.21
25	23.57	0.77	23.53	0.72	1.10	2.30	2.68	3.87	5.08	5.45	6.64	7.02
26	0.39	1.58	0.34	1.53	1.91	3.11	3.49	4.68	5.88	6.26	7.45	7.83
27	1.20	2.39	1.15	2.34	2.73	3.92	4.30	5.50	6.69	7.07	8.27	8.65
28	2.01	3.21	1.96	3.16	3.54	4.73	5.11	6.31	7.50	7.88	9.08	9.46
29	2.83		2.78	3.97	4.35	5.55	5.93	7.12	8.32	8.70	9.89	10.27
30	3.64		3.59	4.78	5.16	6.36	6.74	7.93	9.13	9.51	10.70	11.09
31	4.45		4.40		5.98		7.55	8.75		10.32		11.90

TABLE 1 (CONTINUED) LUNAR PHASE MU

YEAR 2010

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	12.71	13.91	12.06	13.06	14.24	15.43	15.81	17.01	16.20	16.36	19.78	20.16
2	13.32	14.72	13.47	14.67	15.05	16.24	16.63	17.82	19.01	19.40	20.59	20.97
3	14.34	15.33	14.29	15.46	15.96	17.06	17.44	18.63	19.83	20.21	21.40	21.78
4	15.15	16.34	15.10	16.29	16.96	17.67	18.25	19.45	20.64	21.02	22.22	22.60
5	15.96	17.16	15.91	17.11	17.49	18.66	19.06	20.26	21.45	21.83	23.03	23.41
6	16.77	17.97	16.73	17.92	18.30	19.49	19.88	21.07	22.27	22.65	23.84	0.22
7	17.59	18.78	17.54	18.73	19.11	20.31	20.69	21.88	23.08	23.46	0.65	1.03
8	18.40	19.59	18.35	19.54	19.93	21.12	21.50	22.70	23.89	0.27	1.47	1.85
9	19.21	20.41	19.16	20.36	20.74	21.93	22.31	23.51	0.70	1.06	2.26	2.64
10	20.03	21.22	19.98	21.17	21.55	22.75	23.13	0.32	1.52	1.90	3.09	3.47
11	20.84	22.03	20.79	21.98	22.36	23.56	23.94	1.13	2.33	2.71	3.90	4.28
12	21.65	22.85	21.60	22.80	23.18	0.37	0.75	1.95	3.14	3.52	4.72	5.10
13	22.46	23.66	22.41	23.61	23.99	1.18	1.57	2.76	3.95	4.34	5.53	5.91
14	23.28	0.47	23.23	0.42	0.80	2.00	2.38	3.57	4.77	5.15	6.34	6.72
15	0.09	1.28	0.04	1.23	1.62	2.81	3.19	4.39	5.58	5.96	7.16	7.54
16	0.90	2.10	0.85	2.05	2.43	3.62	4.00	5.20	6.39	6.77	7.97	8.35
17	1.71	2.91	1.66	2.86	3.24	4.44	4.82	6.01	7.20	7.59	8.78	9.16
18	2.53	3.72	2.48	3.67	4.05	5.25	5.63	6.82	8.02	8.40	9.59	9.97
19	3.34	4.53	3.29	4.48	4.87	6.06	6.44	7.64	8.83	9.21	10.41	10.79
20	4.15	5.35	4.10	5.30	5.68	6.87	7.25	8.45	9.64	10.02	11.22	11.60
21	4.97	6.16	4.92	6.11	6.49	7.69	8.07	9.26	10.46	10.84	12.03	12.41
22	5.78	6.97	5.73	6.92	7.30	8.50	8.88	10.07	11.27	11.65	12.84	13.23
23	6.59	7.79	6.54	7.74	8.12	9.31	9.69	10.89	12.08	12.46	13.66	14.04
24	7.40	8.60	7.35	8.55	8.93	10.12	10.51	11.70	12.89	13.28	14.47	14.85
25	8.22	9.41	8.17	9.36	9.74	10.94	11.32	12.51	13.71	14.09	15.28	15.66
26	9.03	10.22	8.98	10.17	10.56	11.75	12.13	13.32	14.52	14.90	16.09	16.48
27	9.84	11.04	9.79	10.99	11.37	12.56	12.94	14.14	15.33	15.71	16.91	17.29
28	10.65	11.85	10.60	11.80	12.18	13.37	13.76	14.95	16.14	16.53	17.72	18.10
29	11.47		11.42	12.61	12.99	14.19	14.57	15.76	16.96	17.34	18.53	18.91
30	12.28		12.23	13.42	13.81	15.00	15.38	16.58	17.77	18.15	19.35	19.73
31	13.09		13.04		14.62		16.19	17.39		18.96		20.34

TABLE 1 (CONTINUED) LUNAR PHASE MU

YEAR 2011

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	21.35	22.35	21.30	22.30	22.66	0.07	0.45	1.63	2.84	3.22	4.42	4.80
2	22.17	23.36	22.12	23.31	23.66	0.69	1.27	2.46	3.66	4.04	5.23	5.61
3	22.98	0.17	22.93	0.12	0.50	1.70	2.08	3.27	4.47	4.85	6.04	6.43
4	23.79	0.99	23.74	0.94	1.32	2.51	2.89	4.09	5.28	5.66	6.84	7.24
5	0.60	1.60	0.55	1.75	2.13	3.32	3.71	4.90	6.09	6.48	7.67	8.05
6	1.42	2.61	1.37	2.56	2.94	4.14	4.52	5.71	6.91	7.29	8.48	8.86
7	2.23	3.42	2.18	3.37	3.75	4.95	5.33	6.52	7.72	8.10	9.30	9.68
8	3.04	4.24	2.99	4.19	4.57	5.76	6.14	7.34	8.53	8.91	10.11	10.49
9	3.85	5.05	3.80	5.00	5.38	6.57	6.95	8.15	9.34	9.73	10.92	11.30
10	4.67	5.86	4.62	5.81	6.19	7.39	7.77	8.96	10.16	10.54	11.73	12.11
11	5.48	6.67	5.43	6.62	7.01	8.20	8.58	9.78	10.97	11.35	12.55	12.93
12	6.29	7.49	6.24	7.44	7.82	9.01	9.39	10.59	11.78	12.16	13.36	13.74
13	7.11	8.30	7.06	8.25	8.63	9.83	10.21	11.40	12.60	12.98	14.17	14.55
14	7.92	9.11	7.87	9.06	9.44	10.64	11.02	12.21	13.41	13.79	14.98	15.37
15	8.73	9.92	8.68	9.88	10.26	11.45	11.83	13.03	14.22	14.60	15.80	16.18
16	9.54	10.74	9.49	10.69	11.07	12.26	12.65	13.84	15.03	15.42	16.61	16.99
17	10.36	11.55	10.31	11.50	11.88	13.06	13.45	14.65	15.85	16.23	17.42	17.80
18	11.17	12.36	11.12	12.31	12.70	13.89	14.27	15.46	16.66	17.04	18.23	18.62
19	11.98	13.18	11.93	13.13	13.51	14.70	15.08	16.28	17.47	17.85	19.05	19.43
20	12.79	13.99	12.74	13.94	14.32	15.51	15.90	17.09	18.28	18.67	19.86	20.24
21	13.61	14.80	13.56	14.75	15.13	16.33	16.71	17.90	19.10	19.48	20.67	21.05
22	14.42	15.61	14.37	15.56	15.95	17.14	17.52	18.72	19.91	20.29	21.49	21.87
23	15.23	16.43	15.18	16.38	16.76	17.95	18.33	19.53	20.72	21.10	22.30	22.68
24	16.05	17.24	16.00	17.19	17.57	18.77	19.15	20.34	21.54	21.92	23.11	23.49
25	16.86	18.05	16.81	18.00	18.38	19.58	19.96	21.15	22.35	22.73	23.92	0.31
26	17.67	18.87	17.62	18.82	19.20	20.39	20.77	21.97	23.16	23.54	0.74	1.12
27	18.48	19.68	18.43	19.63	20.01	21.20	21.59	22.78	23.97	0.35	1.55	1.93
28	19.30	20.49		20.44	20.82	22.02	22.40	23.59	0.79	1.17	2.36	2.74
29	20.11		20.06	21.25	21.63	22.83	23.21	0.40	1.80	1.94	3.17	3.56
30	20.92		20.87	22.07	22.45	23.64	0.02	1.22	2.41	2.79	3.99	4.37
31	21.73		21.68		23.26		0.64	2.03		3.61		5.18

TABLE 1 (CONTINUED) LUNAR PHASE MU

YEAR 2012

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	5.99	7.19	8.76	7.95	8.33	9.53	9.91	11.10	12.30	12.66	13.67	14.29
2	6.61	8.00	7.57	8.76	9.15	10.34	10.72	11.92	13.11	13.49	14.66	15.07
3	7.62	8.81	8.38	9.56	9.96	11.15	11.53	12.73	13.92	14.30	15.50	15.88
4	8.43	9.63	9.20	10.39	10.77	11.97	12.35	13.54	14.74	15.12	16.31	16.68
5	9.25	10.44	10.01	11.20	11.58	12.78	13.16	14.35	15.55	15.93	17.12	17.51
6	10.06	11.25	10.82	12.02	12.40	13.59	13.97	15.17	16.36	16.74	17.94	18.32
7	10.87	12.06	11.63	12.83	13.21	14.40	14.78	15.98	17.17	17.56	18.75	19.13
8	11.68	12.88	12.45	13.64	14.02	15.22	15.60	16.79	17.99	18.37	19.56	19.94
9	12.50	13.69	13.26	14.45	14.83	16.03	16.41	17.60	18.80	19.18	20.37	20.76
10	13.31	14.50	14.07	15.27	15.65	16.84	17.22	18.42	19.61	19.99	21.19	21.57
11	14.12	15.32	14.88	16.08	16.46	17.65	18.04	19.23	20.42	20.81	22.00	22.38
12	14.93	16.13	15.70	16.89	17.27	18.47	18.85	20.04	21.24	21.62	22.81	23.19
13	15.75	16.94	16.51	17.70	18.09	19.28	19.66	20.86	22.05	22.43	23.63	0.01
14	16.56	17.75	17.32	18.52	18.90	20.09	20.47	21.67	22.86	23.24	0.44	0.82
15	17.37	18.57	18.14	19.33	19.71	20.91	21.29	22.48	23.68	0.06	1.25	1.63
16	18.18	19.38	18.95	20.14	20.52	21.72	22.10	23.29	0.49	0.87	2.06	2.45
17	19.00	20.19	19.76	20.95	21.34	22.53	22.91	0.11	1.30	1.68	2.86	3.25
18	19.81	21.00	20.57	21.77	22.15	23.34	23.73	0.92	2.11	2.49	3.66	4.07
19	20.62	21.82	21.39	22.58	22.96	0.16	0.54	1.73	2.93	3.31	4.90	4.88
20	21.44	22.63	22.20	23.39	23.77	0.97	1.35	2.54	3.74	4.12	5.31	5.70
21	22.25	23.44	23.01	0.21	0.59	1.78	2.16	3.36	4.55	4.93	6.13	6.51
22	23.06	0.26	23.82	1.02	1.40	2.59	2.96	4.17	5.36	5.75	6.94	7.32
23	23.87	1.07	0.64	1.83	2.21	3.41	3.79	4.98	6.18	6.56	7.75	8.13
24	0.69	1.88	1.45	2.64	3.03	4.22	4.60	5.80	6.99	7.37	8.57	8.95
25	1.50	2.69	2.26	3.46	3.84	5.03	5.41	6.61	7.80	8.18	9.38	9.76
26	2.31	3.51	3.08	4.27	4.65	5.85	6.23	7.42	8.61	9.00	10.19	10.57
27	3.13	4.32	3.89	5.08	5.46	6.66	7.04	8.23	9.43	9.81	11.00	11.38
28	3.94	5.13	4.70	5.89	6.28	7.47	7.85	9.05	10.24	10.62	11.82	12.20
29	4.75	5.94	5.51	6.71	7.09	8.28	8.66	9.86	11.05	11.43	12.63	13.01
30	5.56		6.33	7.52	7.90	9.10	9.48	10.67	11.87	12.25	13.44	13.82
31	6.36		7.14		8.71		10.29	11.48		13.06		14.84

TABLE 1 (CONTINUED) LUNAR PHASE MU

YEAR 2013

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	15.45	16.64	15.40	16.59	16.97	18.17	18.55	19.74	20.94	21.32	22.51	22.90
2	16.26	17.46	16.21	17.41	17.79	18.98	19.36	20.56	21.75	22.13	23.33	23.71
3	17.07	18.27	17.02	18.22	18.60	19.79	20.18	21.37	22.56	22.95	0.14	0.82
4	17.89	19.08	17.84	19.03	19.41	20.61	20.99	22.18	23.38	23.76	0.95	1.33
5	18.70	19.89	18.65	19.84	20.23	21.42	21.80	23.00	0.19	0.57	1.77	2.15
6	19.51	20.71	19.46	20.66	21.04	22.23	22.61	23.81	1.00	1.38	2.58	2.96
7	20.32	21.52	20.28	21.47	21.85	23.04	23.43	0.62	1.81	2.20	3.39	3.77
8	21.14	22.33	21.09	22.28	22.66	23.86	0.24	1.43	2.63	3.01	4.20	4.58
9	21.95	23.14	21.90	23.09	23.48	0.67	1.05	2.25	3.44	3.82	5.02	5.40
10	22.76	23.94	22.71	23.91	0.29	1.46	1.86	3.06	4.25	4.63	5.83	6.21
11	23.58	0.77	23.53	0.72	1.10	2.30	2.68	3.87	5.07	5.45	6.64	7.02
12	0.39	1.58	0.34	1.53	1.91	3.11	3.49	4.68	5.88	6.26	7.45	7.84
13	1.20	2.40	1.15	2.35	2.73	3.92	4.30	5.50	6.69	7.07	8.27	8.66
14	2.01	3.21	1.96	3.16	3.54	4.73	5.12	6.31	7.50	7.89	9.08	9.46
15	2.83	4.02	2.78	3.97	4.35	5.55	5.93	7.12	8.32	8.70	9.89	10.27
16	3.64	4.83	3.59	4.78	5.17	6.36	6.74	7.94	9.13	9.51	10.71	11.09
17	4.45	5.65	4.40	5.60	5.98	7.17	7.55	8.75	9.94	10.32	11.52	11.90
18	5.26	6.46	5.21	6.41	6.79	7.99	8.37	9.56	10.76	11.14	12.33	12.71
19	6.08	7.27	6.03	7.22	7.60	8.80	9.18	10.37	11.57	11.95	13.14	13.52
20	6.89	8.08	6.84	8.03	8.42	9.61	9.99	11.19	12.38	12.76	13.96	14.34
21	7.70	8.90	7.65	8.85	9.23	10.42	10.80	13.19	13.57	14.77	15.15	
22	8.52	9.71	8.47	9.66	10.04	11.24	11.62	12.81	14.01	14.39	15.58	15.96
23	9.33	10.52	9.28	10.47	10.85	12.05	12.43	13.62	14.82	15.20	16.39	16.78
24	10.14	11.34	10.09	11.29	11.67	12.86	13.24	14.44	15.63	16.01	17.21	17.59
25	10.95	12.15	10.90	12.10	12.48	13.67	14.06	15.25	16.44	16.83	18.02	18.40
26	11.77	12.96	11.72	12.91	13.29	14.49	14.87	16.06	17.25	17.64	18.83	19.21
27	12.58	13.77	12.53	13.72	14.11	15.30	15.68	16.88	18.07	18.45	19.64	20.03
28	13.39	14.59	13.34	14.54	14.92	16.11	16.49	17.69	18.88	19.26	20.46	20.84
29	14.20		14.16	15.35	15.73	16.92	17.31	18.50	19.69	20.08	21.27	21.65
30	15.02		14.97	16.16	16.54	17.74	18.12	19.31	20.51	20.89	22.08	22.46
31	15.83		15.78		17.36		18.93	20.13		21.70		23.28

TABLE 1 (CONTINUED) LUNAR PHASE MU

YEAR 2014

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	0.09	1.88	0.04	1.23	1.82	2.81	3.19	4.39	5.98	5.98	7.16	7.94
2	0.80	2.10	0.85	2.03	2.43	3.82	4.00	5.20	6.39	6.77	7.97	8.35
3	1.72	2.81	1.67	2.86	3.24	4.44	4.62	5.81	7.21	7.98	8.78	9.16
4	2.53	3.72	2.48	3.67	4.05	5.25	5.63	6.82	8.02	8.40	9.38	9.98
5	3.34	4.54	3.29	4.48	4.87	6.06	6.44	7.64	8.83	9.21	10.41	10.79
6	4.15	5.35	4.10	5.30	5.68	6.87	7.26	8.45	9.64	10.03	11.22	11.60
7	4.97	6.16	4.92	6.11	6.49	7.68	8.07	9.26	10.46	10.84	12.03	12.41
8	5.78	6.97	5.73	6.92	7.31	8.50	8.88	10.07	11.27	11.66	12.85	13.23
9	6.59	7.79	6.54	7.74	8.12	9.31	9.69	10.89	12.08	12.46	13.66	14.04
10	7.40	8.60	7.35	8.55	8.93	10.12	10.51	11.70	12.89	13.28	14.47	14.85
11	8.22	9.41	8.17	9.36	9.74	10.94	11.32	12.51	13.71	14.09	15.28	15.66
12	9.03	10.22	8.98	10.17	10.56	11.75	12.13	13.33	14.52	14.90	16.10	16.48
13	9.84	11.04	9.79	10.99	11.37	12.56	12.94	14.14	15.33	15.71	16.91	17.29
14	10.66	11.85	10.61	11.80	12.18	13.38	13.76	14.95	16.15	16.53	17.72	18.10
15	11.47	12.66	11.42	12.61	12.99	14.19	14.57	15.76	16.96	17.34	18.53	18.91
16	12.28	13.48	12.23	13.43	13.81	15.00	15.38	16.58	17.77	18.15	19.35	19.73
17	13.09	14.29	13.04	14.24	14.62	15.81	16.20	17.39	18.59	18.97	20.16	20.54
18	13.91	15.10	13.86	15.05	15.43	16.63	17.01	18.20	19.40	19.78	20.97	21.35
19	14.72	15.91	14.67	15.86	16.24	17.44	17.82	19.02	20.21	20.59	21.78	22.17
20	15.53	16.73	15.48	16.68	17.06	18.25	18.63	19.83	21.02	21.40	22.60	22.98
21	16.34	17.54	16.29	17.49	17.87	19.06	19.45	20.64	21.83	22.22	23.41	23.79
22	17.16	18.35	17.11	18.30	18.68	19.88	20.26	21.45	22.65	23.03	0.22	0.60
23	17.97	19.16	17.92	19.11	19.50	20.69	21.07	22.27	23.46	23.84	1.04	1.42
24	18.78	19.98	18.73	19.93	20.31	21.50	21.88	23.08	0.27	0.65	1.85	2.23
25	19.60	20.79	19.55	20.74	21.12	22.32	22.70	23.89	1.09	1.47	2.66	3.04
26	20.41	21.60	20.36	21.55	21.93	23.13	23.51	0.70	1.90	2.28	3.47	3.85
27	21.22	22.42	21.17	22.37	22.75	23.94	0.32	1.52	2.71	3.09	4.29	4.67
28	22.03	23.23	21.98	23.18	23.56	0.75	1.14	2.33	3.52	3.91	5.10	5.48
29	22.85		22.80	23.99	0.37	1.57	1.95	3.14	4.34	4.72	5.91	6.29
30	23.66		23.61	0.80	1.19	2.38	2.76	3.95	5.15	5.53	6.72	7.11
31	0.47		0.42		2.00		3.57	4.77		6.34		7.92

TABLE 1 (CONTINUED) LUNAR PHASE MU

YEAR 2015

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	8.73	9.93	8.98	9.88	10.26	11.45	11.83	13.03	14.22	14.60	15.80	16.18
2	9.54	10.74	9.49	10.89	11.07	12.26	12.63	13.84	15.03	15.42	16.61	16.99
3	10.36	11.55	10.31	11.30	11.68	13.08	13.46	14.66	15.85	16.23	17.42	17.80
4	11.17	12.36	11.12	12.31	12.70	13.89	14.27	15.47	16.66	17.04	18.24	18.62
5	11.98	13.16	11.93	13.13	13.51	14.70	15.08	16.28	17.47	17.85	19.05	19.43
6	12.80	13.99	12.75	13.94	14.32	15.52	15.90	17.09	18.29	18.67	19.86	20.24
7	13.61	14.80	13.56	14.75	15.13	16.33	16.71	17.90	19.10	19.48	20.67	21.05
8	14.42	15.62	14.37	15.57	15.95	17.14	17.52	18.72	19.91	20.29	21.48	21.87
9	15.23	16.43	15.18	16.38	16.76	17.95	18.34	19.53	20.72	21.10	22.30	22.68
10	16.05	17.24	16.00	17.19	17.57	18.77	19.15	20.34	21.54	21.92	23.11	23.49
11	16.86	18.05	16.81	18.00	18.38	19.58	19.96	21.15	22.35	22.73	23.92	0.31
12	17.67	18.87	17.62	18.62	19.00	20.39	20.77	21.97	23.16	23.54	0.74	1.12
13	18.48	19.68	18.43	19.63	20.01	21.20	21.59	22.78	23.97	0.36	1.55	1.93
14	19.30	20.49	19.25	20.44	20.82	22.02	22.40	23.59	0.79	1.17	2.36	2.74
15	20.11	21.30	20.06	21.25	21.64	22.83	23.21	0.41	1.60	1.98	3.18	3.56
16	20.92	22.12	20.87	22.07	22.45	23.64	0.02	1.22	2.41	2.79	3.99	4.37
17	21.74	22.93	21.69	22.88	23.26	0.46	0.84	2.03	3.23	3.61	4.80	5.18
18	22.55	23.74	22.50	23.69	0.07	1.27	1.65	2.84	4.04	4.42	5.61	6.00
19	23.36	0.95	23.31	0.30	0.89	2.08	2.46	3.66	4.85	5.23	6.43	6.81
20	0.17	1.37	0.12	1.32	1.70	2.89	3.28	4.47	5.66	6.05	7.24	7.62
21	0.99	2.18	0.94	2.13	2.51	3.71	4.09	5.28	6.48	6.86	8.05	8.43
22	1.80	2.99	1.75	2.94	3.32	4.52	4.90	6.09	7.29	7.67	8.86	9.25
23	2.61	3.81	2.56	3.76	4.14	5.33	5.71	6.91	8.10	8.48	9.68	10.06
24	3.42	4.62	3.37	4.57	4.95	6.14	6.53	7.72	8.91	9.30	10.49	10.87
25	4.24	5.43	4.19	5.38	5.76	6.96	7.34	8.53	9.73	10.11	11.30	11.68
26	5.05	6.24	5.00	6.19	6.58	7.77	8.15	9.35	10.54	10.92	12.12	12.50
27	5.86	7.06	5.81	7.01	7.39	8.58	8.96	10.16	11.35	11.73	12.93	13.31
28	6.67	7.87	6.63	7.82	8.20	9.40	9.78	10.97	12.17	12.55	13.74	14.12
29	7.49		7.44	8.63	9.01	10.21	10.59	11.78	12.98	13.36	14.55	14.93
30	8.30		8.25	9.45	9.83	11.02	11.40	12.60	13.79	14.17	15.37	15.75
31	9.11		9.06		10.64		12.21	13.41		14.98		16.36

TABLE 1 (CONTINUED) LUNAR PHASE MU

YEAR 2016

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	17.37	16.57	16.14	15.33	14.71	20.91	21.29	22.46	23.66	0.06	1.25	1.63
2	16.19	15.36	14.93	14.14	13.52	21.72	22.10	23.29	0.49	0.67	2.06	2.45
3	19.00	20.19	19.76	20.96	21.34	22.53	22.91	0.11	1.30	1.66	2.66	3.26
4	19.61	21.01	20.57	21.77	22.15	23.34	23.73	0.92	2.11	2.50	3.66	4.07
5	20.92	21.62	21.39	22.59	22.96	0.16	0.54	1.73	2.93	3.31	4.50	4.86
6	21.44	22.63	22.20	23.39	23.76	0.97	1.35	2.55	3.74	4.12	5.32	5.70
7	22.25	23.44	23.01	0.21	0.59	1.78	2.16	3.36	4.55	4.93	6.13	6.51
8	23.06	0.26	23.63	1.02	1.40	2.60	2.98	4.17	5.36	5.75	6.94	7.32
9	23.66	1.07	0.64	1.63	2.21	3.41	3.79	4.98	6.16	6.54	7.73	8.14
10	0.66	1.66	1.45	2.64	3.03	4.22	4.60	5.80	6.99	7.37	8.57	8.95
11	1.50	2.66	2.26	3.46	3.84	5.03	5.41	6.61	7.80	8.18	9.36	9.76
12	2.31	3.51	3.06	4.27	4.65	5.85	6.23	7.42	8.62	9.00	10.19	10.57
13	3.13	4.32	3.69	5.06	5.46	6.66	7.04	8.23	9.43	9.81	11.00	11.36
14	3.94	5.13	4.70	5.90	6.28	7.47	7.85	9.05	10.24	10.62	11.82	12.20
15	4.75	5.95	5.51	6.71	7.09	8.28	8.67	9.86	11.05	11.44	12.63	13.01
16	5.56	6.76	6.33	7.52	7.90	9.10	9.48	10.67	11.87	12.25	13.44	13.82
17	6.36	7.57	7.14	8.33	8.72	9.91	29	11.49	12.66	13.06	14.26	14.64
18	7.19	8.36	7.95	9.13	9.53	10.72	11.10	12.30	13.49	13.87	15.07	15.45
19	8.00	9.20	8.77	9.96	10.34	11.54	11.92	13.11	14.31	14.69	15.86	16.26
20	8.81	10.01	9.56	10.77	11.15	12.35	12.73	13.92	15.12	15.50	16.66	17.07
21	9.63	10.62	10.39	11.59	11.97	13.16	13.54	14.74	15.93	16.31	17.51	17.89
22	10.44	11.63	11.20	12.40	12.78	13.97	14.35	15.55	16.74	17.12	18.32	18.70
23	11.25	12.45	12.02	13.21	13.59	14.79	15.17	16.36	17.56	17.94	19.13	19.51
24	12.07	13.26	12.83	14.02	14.40	15.60	15.98	17.17	18.37	18.75	19.94	20.33
25	12.88	14.07	13.64	14.84	15.22	16.41	16.79	17.99	19.18	19.56	20.76	21.14
26	13.69	14.89	14.45	15.65	16.03	17.22	17.61	18.80	19.99	20.38	21.57	21.95
27	14.50	15.70	15.27	16.46	16.84	18.04	18.42	19.61	20.81	21.19	22.36	22.76
28	15.32	16.51	16.08	17.27	17.66	18.85	19.23	20.43	21.62	22.00	23.20	23.56
29	16.13	17.32	16.89	18.09	18.47	19.66	20.04	21.24	22.43	22.81	0.01	0.39
30	16.94		17.71	18.90	19.28	20.46	20.86	22.05	23.24	23.63	0.62	1.20
31	17.75		16.52		20.09		21.67	22.86		0.44		2.01

TABLE 1 (CONTINUED) LUNAR PHASE MU

YEAR 2017

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	2.63	4.02	2.76	3.97	4.35	5.55	5.93	7.12	8.32	6.70	9.69	10.27
2	3.64	4.63	3.59	4.76	5.17	6.36	6.74	7.94	9.13	9.51	10.71	11.09
3	4.45	5.65	4.40	5.60	5.96	7.17	7.55	8.75	9.94	10.32	11.52	11.90
4	5.27	6.46	5.22	6.41	6.79	7.99	8.37	9.56	10.76	11.14	12.33	12.71
5	6.06	7.27	6.03	7.22	7.60	8.80	9.18	10.37	11.57	11.95	13.14	13.53
6	6.89	8.09	6.84	8.04	8.42	9.61	9.99	11.19	12.38	12.76	13.96	14.34
7	7.70	8.90	7.65	8.85	9.23	10.42	10.81	12.00	13.19	13.56	14.77	15.15
8	8.52	9.71	8.47	9.66	10.04	11.24	11.62	12.81	14.01	14.39	15.58	15.96
9	9.33	10.52	9.26	10.47	10.86	12.05	12.43	13.63	14.82	15.20	16.40	16.78
10	10.14	11.34	10.09	11.29	11.67	12.86	13.24	14.44	15.63	16.01	17.21	17.59
11	10.95	12.15	10.91	12.10	12.48	13.67	14.06	15.25	16.44	16.83	18.02	18.40
12	11.77	12.96	11.72	12.91	13.29	14.49	14.87	16.06	17.26	17.64	18.83	19.22
13	12.56	13.77	12.53	13.72	14.11	15.30	15.68	16.88	18.07	18.45	19.65	20.03
14	13.39	14.59	13.34	14.54	14.92	16.11	16.49	17.69	18.88	19.26	20.46	20.84
15	14.21	15.40	14.16	15.35	15.73	16.93	17.31	18.50	19.70	20.08	21.27	21.66
16	15.02	16.21	14.97	16.16	16.54	17.74	18.12	19.31	20.51	20.89	22.08	22.47
17	15.83	17.03	15.78	16.96	17.36	18.55	18.93	20.13	21.32	21.70	22.90	23.28
18	16.64	17.84	16.59	17.79	18.17	19.36	19.75	20.94	22.13	22.52	23.71	0.09
19	17.46	18.65	17.41	18.60	18.98	20.18	20.56	21.75	22.95	23.33	0.52	0.90
20	18.27	19.46	18.22	19.41	19.79	20.99	21.37	22.57	23.76	0.14	1.34	1.72
21	19.08	20.26	19.03	20.23	20.61	21.80	22.18	23.38	0.57	0.95	2.15	2.53
22	19.89	21.09	19.84	21.04	21.42	22.62	23.00	0.19	1.36	1.77	2.96	3.34
23	20.71	21.90	20.66	21.85	22.23	23.43	23.81	1.00	2.20	2.56	3.77	4.15
24	21.52	22.71	21.47	22.66	23.05	0.24	0.62	1.82	3.01	3.39	4.59	4.97
25	22.33	23.53	22.26	23.46	23.86	1.05	1.43	2.63	3.82	4.20	5.40	5.78
26	23.15	0.34	23.10	0.29	0.67	1.87	2.25	3.44	4.64	5.02	6.21	6.59
27	23.96	1.15	23.91	1.10	1.48	2.66	3.06	4.25	5.45	5.83	7.02	7.41
28	0.77	1.97	0.72	1.92	2.30	3.49	3.87	5.07	6.26	6.64	7.84	8.22
29	1.56		1.53	2.73	3.11	4.30	4.69	5.88	7.07	7.46	8.65	9.03
30	2.40		2.35	3.54	3.92	5.12	5.50	6.69	7.89	8.27	9.46	9.84
31	3.21		3.16		4.74		6.31	7.51		9.08		10.66

TABLE 1 (CONTINUED) LUNAR PHASE MU

YEAR 2018

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	11.47	12.06	11.42	12.61	13.00	14.19	14.57	15.77	16.96	17.34	18.53	18.92
2	12.28	13.48	12.23	13.43	13.81	15.00	15.38	16.58	17.77	18.15	19.35	19.73
3	13.09	14.29	13.05	14.24	14.62	15.81	16.20	17.39	18.58	18.97	20.16	20.54
4	13.91	15.10	13.86	15.05	15.43	16.63	17.01	18.20	19.40	19.78	20.97	21.35
5	14.72	15.91	14.67	15.86	16.25	17.44	17.82	19.02	20.21	20.59	21.79	22.17
6	15.53	16.73	15.48	16.66	17.06	18.25	18.63	19.83	21.02	21.40	22.60	22.98
7	16.35	17.54	16.30	17.49	17.87	19.07	19.45	20.64	21.84	22.22	23.41	23.79
8	17.16	18.35	17.11	18.30	18.68	19.88	20.26	21.45	22.65	23.03	0.22	0.61
9	17.97	19.17	17.92	19.12	19.50	20.69	21.07	22.27	23.46	23.84	1.04	1.42
10	18.78	19.98	18.73	19.93	20.31	21.50	21.89	23.08	0.27	0.66	1.85	2.23
11	19.60	20.79	19.55	20.74	21.12	22.32	22.70	23.89	1.09	1.47	2.66	3.04
12	20.41	21.60	20.36	21.55	21.94	23.13	23.51	0.70	1.90	2.28	3.48	3.86
13	21.22	22.42	21.17	22.37	22.75	23.94	0.32	1.52	2.71	3.09	4.29	4.67
14	22.03	23.23	21.98	23.16	23.56	0.75	1.14	2.33	3.52	3.91	5.10	5.48
15	22.85	0.04	22.80	23.99	0.37	1.57	1.95	3.14	4.34	4.72	5.91	6.29
16	23.66	0.85	23.84	0.60	1.19	2.36	2.76	3.96	5.15	5.53	6.73	7.11
17	0.47	1.67	0.42	1.62	2.00	3.19	3.57	4.77	5.96	6.34	7.54	7.92
18	1.29	2.48	1.24	2.43	2.81	4.01	4.39	5.58	6.78	7.16	8.35	8.73
19	2.10	3.29	2.05	3.24	3.62	4.82	5.20	6.39	7.59	7.97	9.16	9.54
20	2.91	4.10	2.86	4.06	4.44	5.63	6.01	7.21	8.40	8.78	9.98	10.36
21	3.72	4.92	3.67	4.87	5.25	6.44	6.83	8.02	9.21	9.60	10.79	11.17
22	4.54	5.73	4.49	5.68	6.06	7.26	7.64	8.83	10.03	10.41	11.60	11.98
23	5.35	6.54	5.30	6.49	6.87	8.07	8.45	9.65	10.84	11.22	12.41	12.80
24	6.16	7.36	6.11	7.31	7.69	8.89	9.28	10.46	11.65	12.03	13.23	13.61
25	6.97	8.17	6.92	8.12	8.50	9.69	10.08	11.27	12.46	12.85	14.04	14.42
26	7.79	8.98	7.74	8.93	9.31	10.51	10.89	12.08	13.28	13.66	14.85	15.23
27	8.60	9.79	8.55	9.74	10.13	11.32	11.70	12.90	14.09	14.47	15.67	16.05
28	9.41	10.61	9.36	10.56	10.94	12.13	12.51	13.71	14.90	15.28	16.48	16.86
29	10.22		10.16	11.37	11.75	12.95	13.33	14.52	15.72	16.10	17.29	17.67
30	11.04		10.99	12.18	12.56	13.76	14.14	15.33	16.53	16.91	18.10	18.48
31	11.85		11.80		13.38		14.95	16.15		17.72		19.30

TABLE 1 (CONTINUED) LUNAR PHASE MU

YEAR 2019

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	20.11	21.30	20.06	21.26	21.64	22.83	23.21	0.41	1.60	1.98	3.18	3.56
2	20.92	22.12	20.87	22.07	22.45	23.64	0.03	1.22	2.41	2.80	3.99	4.37
3	21.74	22.93	21.69	22.88	23.26	0.46	0.84	2.03	3.23	3.61	4.80	5.18
4	22.55	23.74	22.50	23.69	0.08	1.27	1.65	2.84	4.04	4.42	5.61	6.00
5	23.36	0.56	23.31	0.51	0.89	2.08	2.46	3.66	4.85	5.23	6.43	6.81
6	0.17	1.37	0.12	1.32	1.70	2.89	3.28	4.47	5.66	6.05	7.24	7.62
7	0.99	2.18	0.94	2.13	2.51	3.71	4.09	5.28	6.48	6.86	8.05	8.43
8	1.80	2.99	1.75	2.94	3.33	4.52	4.90	6.10	7.29	7.67	8.87	9.25
9	2.61	3.81	2.56	3.76	4.14	5.33	5.71	6.91	8.10	8.48	9.68	10.06
10	3.43	4.62	3.38	4.57	4.95	6.15	6.53	7.72	8.92	9.30	10.49	10.87
11	4.24	5.43	4.19	5.38	5.76	6.96	7.34	8.53	9.73	10.11	11.30	11.68
12	5.05	6.24	5.00	6.20	6.58	7.77	8.15	9.35	10.54	10.92	12.12	12.50
13	5.86	7.06	5.81	7.01	7.39	8.58	8.96	10.16	11.35	11.73	12.93	13.31
14	6.68	7.87	6.63	7.82	8.20	9.40	9.78	10.97	12.17	12.55	13.74	14.12
15	7.49	8.68	7.44	8.63	9.01	10.21	10.59	11.78	12.98	13.36	14.55	14.94
16	8.30	9.50	8.25	9.45	9.83	11.02	11.40	12.60	13.79	14.17	15.37	15.75
17	9.11	10.31	9.06	10.26	10.64	11.83	12.22	13.41	14.60	14.99	16.18	16.56
18	9.93	11.12	9.88	11.07	11.45	12.65	13.03	14.22	15.42	15.80	16.99	17.37
19	10.74	11.93	10.69	11.88	12.27	13.46	13.84	15.04	16.23	16.61	17.81	18.19
20	11.55	12.75	11.50	12.70	13.08	14.27	14.65	15.85	17.04	17.42	18.62	19.00
21	12.37	13.56	12.32	13.51	13.89	15.09	15.47	16.66	17.86	18.24	19.43	19.81
22	13.18	14.37	13.13	14.32	14.70	15.90	16.28	17.47	18.67	19.05	20.24	20.63
23	13.99	15.18	13.94	15.13	15.52	16.71	17.09	18.29	19.48	19.86	21.06	21.44
24	14.80	16.00	14.75	15.95	16.33	17.52	17.91	19.10	20.29	20.67	21.87	22.25
25	15.62	16.81	15.57	16.76	17.14	18.34	18.72	19.91	21.11	21.49	22.69	23.06
26	16.43	17.62	16.38	17.57	17.95	19.15	19.53	20.72	21.92	22.30	23.49	23.86
27	17.24	18.44	17.19	18.39	18.77	19.96	20.34	21.54	22.73	23.11	0.31	0.69
28	18.05	19.25	18.00	19.20	19.58	20.77	21.16	22.35	23.54	23.93	1.12	1.50
29	18.87		18.82	20.01	20.39	21.59	21.97	23.16	0.36	0.74	1.93	2.31
30	19.68		19.63	20.82	21.21	22.40	22.78	23.96	1.17	1.55	2.75	3.13
31	20.49		20.44		22.02		23.59	0.79		2.36		3.94

TABLE 1 (CONTINUED) LUNAR PHASE MU

YEAR 2020

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	4.75	5.95	5.52	6.71	7.09	6.29	6.67	9.66	11.06	11.46	12.63	13.01
2	5.96	6.76	6.33	7.52	7.90	9.10	9.48	10.67	11.67	12.23	13.44	13.62
3	6.38	7.37	7.14	8.34	8.72	9.91	10.29	11.49	12.66	13.06	14.26	14.64
4	7.19	8.36	7.93	9.13	9.53	10.72	11.10	12.30	13.49	13.67	15.07	15.45
5	8.00	9.20	8.77	9.96	10.34	11.54	11.92	13.11	14.31	14.69	15.66	16.26
6	8.82	10.01	9.56	10.77	11.15	12.35	12.73	13.92	15.12	15.50	16.66	17.06
7	9.63	10.82	10.39	11.59	11.97	13.16	13.54	14.74	15.93	16.31	17.51	17.89
8	10.44	11.64	11.20	12.40	12.78	13.97	14.36	15.55	16.74	17.13	18.32	18.70
9	11.25	12.45	12.02	13.21	13.59	14.79	15.17	16.36	17.56	17.94	19.13	19.51
10	12.07	13.26	12.83	14.02	14.41	15.60	15.98	17.18	18.37	18.75	19.95	20.33
11	12.88	14.07	13.64	14.84	15.22	16.41	16.79	17.99	19.18	19.56	20.76	21.14
12	13.69	14.89	14.46	15.65	16.03	17.23	17.61	18.80	19.99	20.38	21.57	21.95
13	14.51	15.70	15.27	16.46	16.84	18.04	18.42	19.61	20.81	21.19	22.39	22.77
14	15.32	16.51	16.08	17.27	17.66	18.85	19.23	20.43	21.62	22.00	23.20	23.58
15	16.13	17.32	16.89	18.09	18.47	19.66	20.04	21.24	22.43	22.81	0.01	0.39
16	16.94	18.14	17.71	18.90	19.28	20.48	20.86	22.05	23.25	23.63	0.62	1.00
17	17.76	18.95	18.52	19.71	20.09	21.29	21.67	22.86	0.06	0.44	1.63	2.02
18	18.57	19.76	19.33	20.53	20.91	22.10	22.48	23.68	0.67	1.25	2.45	2.83
19	19.38	20.56	20.14	21.34	21.72	22.91	23.30	0.49	1.88	2.07	3.26	3.64
20	20.19	21.39	20.96	22.15	22.53	23.73	0.11	1.30	2.30	2.68	4.07	4.45
21	21.01	22.20	21.77	22.96	23.35	0.54	0.92	2.12	3.31	3.69	4.69	5.27
22	21.82	23.01	22.58	23.78	0.16	1.35	1.73	2.93	4.12	4.50	5.70	6.08
23	22.63	23.83	23.39	0.59	0.97	2.16	2.55	3.74	4.94	5.32	6.51	6.89
24	23.44	0.64	0.21	1.40	1.78	2.98	3.36	4.55	5.75	6.13	7.32	7.70
25	0.26	1.45	1.02	2.21	2.60	3.79	4.17	5.37	6.56	6.94	8.14	8.52
26	1.07	2.26	1.83	3.03	3.41	4.60	4.98	6.18	7.37	7.75	8.95	9.33
27	1.88	3.06	2.65	3.84	4.22	5.42	5.80	6.99	8.19	8.57	9.76	10.14
28	2.70	3.89	3.46	4.65	5.03	6.23	6.61	7.80	9.00	9.38	10.57	10.96
29	3.51	4.70	4.27	5.47	5.85	7.04	7.42	8.62	9.81	10.19	11.39	11.77
30	4.32		5.08	6.28	6.66	7.85	8.24	9.43	10.62	11.01	12.20	12.58
31	5.13		5.90		7.47		9.03	10.24		11.62		13.39

TABLE 1 (CONTINUED) LUNAR PHASE MU

YEAR 2021

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	14.21	15.40	14.16	15.35	15.73	16.93	17.31	18.50	19.70	20.08	21.27	21.65
2	15.02	16.21	14.97	16.16	16.55	17.74	18.12	19.32	20.51	20.89	22.09	22.47
3	15.83	17.03	15.78	16.98	17.36	18.55	18.93	20.13	21.32	21.70	22.90	23.28
4	16.64	17.84	16.59	17.79	18.17	19.37	19.75	20.94	22.13	22.52	23.71	0.09
5	17.46	18.65	17.41	18.60	18.98	20.18	20.56	21.75	22.95	23.33	0.52	0.90
6	18.27	19.46	18.22	19.41	19.80	20.99	21.37	22.57	23.76	0.14	1.34	1.72
7	19.08	20.28	19.03	20.23	20.61	21.80	22.18	23.38	0.57	0.95	2.15	2.53
8	19.90	21.09	19.85	21.04	21.42	22.62	23.00	0.19	1.39	1.77	2.96	3.34
9	20.71	21.90	20.66	21.85	22.23	23.43	23.81	1.00	2.20	2.58	3.77	4.16
10	21.52	22.72	21.47	22.67	23.05	0.24	0.62	1.82	3.01	3.39	4.59	4.97
11	22.33	23.53	22.28	23.48	23.86	1.05	1.44	2.63	3.82	4.21	5.40	5.78
12	23.15	0.34	23.10	0.29	0.67	1.87	2.25	3.44	4.64	5.02	6.21	6.59
13	23.96	1.15	23.91	1.10	1.49	2.68	3.06	4.26	5.45	5.83	7.02	7.41
14	0.77	1.97	0.72	1.92	2.30	3.49	3.87	5.07	6.26	6.64	7.84	8.22
15	1.58	2.78	1.53	2.73	3.11	4.30	4.69	5.88	7.07	7.46	8.65	9.03
16	2.40	3.59	2.35	3.54	3.92	5.12	5.50	6.69	7.89	8.27	9.46	9.84
17	3.21	4.40	3.16	4.35	4.74	5.93	6.31	7.51	8.70	9.08	10.28	10.66
18	4.02	5.22	3.97	5.17	5.55	6.74	7.12	8.32	9.51	9.89	11.09	11.47
19	4.84	6.03	4.79	5.98	6.36	7.56	7.94	9.13	10.33	10.71	11.90	12.28
20	5.65	6.84	5.60	6.79	7.17	8.37	8.75	9.94	11.14	11.52	12.71	13.10
21	6.46	7.66	6.41	7.61	7.99	9.18	9.56	10.76	11.95	12.33	13.53	13.91
22	7.27	8.47	7.22	8.42	8.80	9.99	10.38	11.57	12.76	13.15	14.34	14.72
23	8.09	9.28	8.04	9.23	9.61	10.81	11.19	12.38	13.58	13.96	15.15	15.53
24	8.90	10.09	8.85	10.04	10.42	11.62	12.00	13.20	14.39	14.77	15.97	16.35
25	9.71	10.91	9.66	10.86	11.24	12.43	12.81	14.01	15.20	15.58	16.78	17.16
26	10.52	11.72	10.47	11.67	12.05	13.24	13.63	14.82	16.01	16.40	17.59	17.97
27	11.34	12.53	11.29	12.48	12.86	14.06	14.44	15.63	16.83	17.21	18.40	18.78
28	12.15	13.34	12.10	13.29	13.68	14.87	15.25	16.45	17.64	18.02	19.22	19.60
29	12.96		12.91	14.11	14.49	15.68	16.06	17.26	18.45	18.83	20.03	20.41
30	13.78		13.73	14.92	15.30	16.50	16.88	18.07	19.27	19.65	20.84	21.22
31	14.59		14.54		16.11		17.69	18.88		20.46		22.04

TABLE 1 (CONTINUED) LUNAR PHASE MU

YEAR 2022

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	22.85	0.04	22.80	23.99	0.37	1.57	1.95	3.14	4.34	4.72	5.91	6.30
2	23.66	0.85	23.61	0.81	1.19	2.38	2.76	3.96	5.15	5.53	6.73	7.11
3	0.47	1.67	0.42	1.82	2.00	3.19	3.58	4.77	5.96	6.35	7.54	7.92
4	1.29	2.48	1.24	2.43	2.81	4.01	4.39	5.58	6.78	7.16	8.35	8.73
5	2.10	3.29	2.05	3.24	3.63	4.82	5.20	6.40	7.59	7.97	9.16	9.55
6	2.91	4.11	2.86	4.06	4.44	5.63	6.01	7.21	8.40	8.78	9.98	10.36
7	3.72	4.92	3.67	4.87	5.25	6.44	6.83	8.02	9.21	9.60	10.79	11.17
8	4.54	5.73	4.49	5.68	6.06	7.25	7.64	8.83	10.03	10.41	11.60	11.98
9	5.35	6.54	5.30	6.49	6.88	8.07	8.45	9.65	10.84	11.22	12.42	12.80
10	6.16	7.36	6.11	7.31	7.69	8.88	9.26	10.46	11.65	12.03	13.23	13.61
11	6.98	8.17	6.93	8.12	8.50	9.70	10.08	11.27	12.47	12.85	14.04	14.42
12	7.79	8.98	7.74	8.93	9.31	10.51	10.89	12.08	13.28	13.66	14.85	15.24
13	8.60	9.80	8.55	9.75	10.13	11.32	11.70	12.90	14.09	14.47	15.67	16.05
14	9.41	10.61	9.36	10.56	10.94	12.13	12.52	13.71	14.90	15.28	16.48	16.86
15	10.23	11.42	10.18	11.37	11.75	12.95	13.33	14.52	15.72	16.10	17.29	17.67
16	11.04	12.23	10.99	12.18	12.56	13.76	14.14	15.33	16.53	16.91	18.10	18.48
17	11.85	13.05	11.80	13.00	13.38	14.57	14.95	16.15	17.34	17.72	18.92	19.30
18	12.66	13.86	12.61	13.81	14.19	15.38	15.77	16.96	18.15	18.54	19.73	20.11
19	13.48	14.67	13.43	14.62	15.00	16.20	16.58	17.77	18.97	19.35	20.54	20.92
20	14.29	15.48	14.24	15.43	15.82	17.01	17.39	18.59	19.78	20.16	21.36	21.74
21	15.10	16.30	15.05	16.25	16.63	17.82	18.20	19.40	20.59	20.97	22.17	22.55
22	15.92	17.11	15.87	17.06	17.44	18.64	19.02	20.21	21.41	21.79	22.98	23.36
23	16.73	17.92	16.68	17.87	18.25	19.45	19.83	21.02	22.22	22.60	23.79	0.18
24	17.54	18.73	17.49	18.69	19.07	20.26	20.64	21.84	23.03	23.41	0.61	0.99
25	18.35	19.55	18.30	19.50	19.88	21.07	21.45	22.65	23.84	0.23	1.42	1.80
26	19.17	20.36	19.12	20.31	20.69	21.89	22.27	23.46	0.66	1.04	2.23	2.61
27	19.98	21.17	19.93	21.12	21.50	22.70	23.08	0.27	1.47	1.85	3.04	3.43
28	20.79	21.99	20.74	21.94	22.32	23.51	23.89	1.09	2.28	2.66	3.86	4.24
29	21.60		21.55	22.75	23.13	0.32	0.71	1.90	3.09	3.48	4.67	5.05
30	22.42		22.37	23.36	23.94	1.14	1.52	2.71	3.91	4.29	5.48	5.86
31	23.23		23.18		0.76		2.33	3.53		5.10		6.48

TABLE 1 (CONTINUED) LUNAR PHASE MU

YEAR 2023

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	7.49	8.68	7.44	8.63	9.02	10.21	10.59	11.79	12.98	13.36	14.56	14.94
2	8.30	9.50	8.25	9.45	9.83	11.02	11.40	12.60	13.79	14.17	15.37	15.75
3	9.12	10.31	9.07	10.26	10.64	11.84	12.22	13.41	14.61	14.99	16.18	16.56
4	9.93	11.12	9.88	11.07	11.45	12.65	13.03	14.22	15.42	15.80	16.99	17.38
5	10.74	11.93	10.69	11.89	12.27	13.46	13.84	15.04	16.23	16.61	17.81	18.19
6	11.55	12.75	11.50	12.70	13.08	14.27	14.66	15.85	17.04	17.42	18.62	19.00
7	12.37	13.56	12.32	13.51	13.89	15.09	15.47	16.66	17.86	18.24	19.43	19.81
8	13.18	14.37	13.13	14.32	14.70	15.90	16.28	17.47	18.67	19.05	20.24	20.63
9	13.99	15.19	13.94	15.14	15.52	16.71	17.09	18.29	19.48	19.86	21.06	21.44
10	14.80	16.00	14.75	15.95	16.33	17.52	17.91	19.10	20.29	20.68	21.87	22.25
11	15.62	16.81	15.57	16.76	17.14	18.34	18.72	19.91	21.11	21.49	22.68	23.06
12	16.43	17.62	16.38	17.57	17.96	19.15	19.53	20.73	21.92	22.30	23.50	23.88
13	17.24	18.44	17.19	18.39	18.77	19.96	20.34	21.54	22.73	23.11	0.31	0.69
14	18.06	19.25	18.01	19.20	19.58	20.78	21.16	22.35	23.55	23.93	1.12	1.50
15	18.87	20.06	18.82	20.01	20.39	21.59	21.97	23.16	0.36	0.74	1.93	2.32
16	19.68	20.87	19.63	20.83	21.21	22.40	22.78	23.98	1.17	1.55	2.75	3.13
17	20.49	21.68	20.44	21.64	22.02	23.21	23.59	0.79	1.98	2.36	3.56	3.94
18	21.31	22.50	21.26	22.45	22.83	0.03	0.41	1.60	2.80	3.18	4.37	4.75
19	22.12	23.31	22.07	23.26	23.64	0.84	1.22	2.41	3.61	3.99	5.18	5.57
20	22.93	0.13	22.88	0.08	0.46	1.65	2.03	3.23	4.42	4.80	6.00	6.38
21	23.74	0.94	23.69	0.89	1.27	2.46	2.85	4.04	5.23	5.62	6.81	7.19
22	0.56	1.75	0.51	1.70	2.08	3.28	3.66	4.85	6.05	6.43	7.62	8.00
23	1.37	2.56	1.32	2.51	2.90	4.09	4.47	5.67	6.86	7.24	8.44	8.82
24	2.18	3.38	2.13	3.33	3.71	4.90	5.28	6.48	7.67	8.05	9.25	9.63
25	2.99	4.19	2.95	4.14	4.52	5.71	6.10	7.29	8.49	8.87	10.06	10.44
26	3.81	5.00	3.76	4.95	5.33	6.53	6.91	8.10	9.30	9.68	10.87	11.25
27	4.62	5.81	4.57	5.76	6.15	7.34	7.72	8.92	10.11	10.49	11.69	12.07
28	5.43	6.63	5.38	6.58	6.96	8.15	8.53	9.73	10.92	11.30	12.50	12.88
29	6.25		6.20	7.39	7.77	8.97	9.35	10.54	11.74	12.12	13.31	13.69
30	7.06		7.01	8.20	8.58	9.78	10.16	11.35	12.55	12.93	14.12	14.51
31	7.87		7.82		9.40		10.97	12.17		13.74		15.32

TABLE 1 (CONTINUED) LUNAR PHASE NU

YEAR 2024

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	16.13	17.33	16.89	18.09	18.47	19.66	20.05	21.24	22.43	22.82	0.01	0.39
2	16.94	16.14	17.71	18.90	19.28	20.48	20.86	22.05	23.25	23.63	0.82	1.20
3	17.76	18.95	18.52	19.71	20.10	21.29	21.67	22.87	0.06	0.44	1.64	2.02
4	18.57	19.76	19.33	20.53	20.91	22.10	22.48	23.68	0.87	1.25	2.45	2.83
5	19.38	20.58	20.14	21.34	21.72	22.92	23.30	0.49	1.69	2.07	3.26	3.64
6	20.19	21.39	20.96	22.15	22.53	23.73	0.11	1.30	2.50	2.88	4.07	4.45
7	21.01	22.20	21.77	22.97	23.35	0.54	0.92	2.12	3.31	3.69	4.89	5.27
8	21.82	23.01	22.58	23.78	0.16	1.35	1.73	2.93	4.12	4.50	5.70	6.08
9	22.63	23.83	23.40	0.59	0.97	2.17	2.55	3.74	4.94	5.32	6.51	6.89
10	23.45	0.64	0.21	1.40	1.78	2.98	3.36	4.55	5.75	6.13	7.32	7.71
11	0.26	1.45	1.02	2.22	2.60	3.79	4.17	5.37	6.56	6.94	8.14	8.52
12	1.07	2.27	1.83	3.03	3.41	4.60	4.99	6.18	7.37	7.76	8.95	9.33
13	1.88	3.08	2.65	3.84	4.22	5.42	5.80	6.99	8.19	8.57	9.76	10.14
14	2.70	3.89	3.46	4.65	5.04	6.23	6.61	7.81	9.00	9.38	10.57	10.96
15	3.51	4.70	4.27	5.47	5.85	7.04	7.42	8.62	9.81	10.19	11.39	11.77
16	4.32	5.52	5.09	6.28	6.66	7.85	8.24	9.43	10.62	11.01	12.20	12.58
17	5.13	6.33	5.90	7.09	7.47	8.67	9.05	10.24	11.44	11.82	13.01	13.40
18	5.95	7.14	6.71	7.90	8.29	9.48	9.86	11.06	12.25	12.63	13.83	14.21
19	6.76	7.95	7.52	8.72	9.10	10.29	10.67	11.87	13.06	13.44	14.64	15.02
20	7.57	8.77	8.34	9.53	9.91	11.11	11.49	12.68	13.88	14.26	15.45	15.83
21	8.39	9.58	9.15	10.34	10.72	11.92	12.30	13.49	14.69	15.07	16.26	16.65
22	9.20	10.39	9.96	11.16	11.54	12.73	13.11	14.31	15.50	15.88	17.08	17.46
23	10.01	11.21	10.77	11.97	12.35	13.54	13.93	15.12	16.31	16.70	17.89	18.27
24	10.82	12.02	11.59	12.78	13.16	14.36	14.74	15.93	17.13	17.51	18.70	19.08
25	11.64	12.83	12.40	13.59	13.98	15.17	15.55	16.75	17.94	18.32	19.52	19.90
26	12.45	13.64	13.21	14.41	14.79	15.98	16.36	17.56	18.75	19.13	20.33	20.71
27	13.26	14.46	14.02	15.22	15.60	16.79	17.18	18.37	19.57	19.95	21.14	21.52
28	14.07	15.27	14.84	16.03	16.41	17.61	17.99	19.18	20.38	20.76	21.95	22.33
29	14.89	16.08	15.65	16.84	17.23	18.42	18.80	20.00	21.19	21.57	22.77	23.15
30	15.70		16.46	17.66	18.04	19.23	19.61	20.81	22.00	22.38	23.58	23.96
31	16.51		17.28		18.85		20.43	21.62		23.20		0.77

TABLE 1 (CONTINUED) LUNAR PHASE NU

YEAR 2025

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	1.59	2.78	1.54	2.73	3.11	4.31	4.69	5.88	7.08	7.46	8.65	9.03
2	2.40	3.59	2.35	3.54	3.92	5.12	5.50	6.69	7.89	8.27	9.46	9.85
3	3.21	4.41	3.16	4.36	4.74	5.93	6.31	7.51	8.70	9.08	10.28	10.66
4	4.02	5.22	3.97	5.17	5.55	6.74	7.13	8.32	9.51	9.90	11.09	11.47
5	4.84	6.03	4.79	5.98	6.36	7.56	7.94	9.13	10.33	10.71	11.90	12.28
6	5.65	6.84	5.80	6.79	7.18	8.37	8.75	9.95	11.14	11.52	12.72	13.10
7	6.46	7.66	6.41	7.61	7.99	9.18	9.56	10.76	11.95	12.33	13.53	13.91
8	7.27	8.47	7.22	8.42	8.80	10.00	10.38	11.57	12.76	13.15	14.34	14.72
9	8.09	9.28	8.04	9.23	9.61	10.81	11.19	12.38	13.58	13.96	15.15	15.53
10	8.90	10.09	8.85	10.04	10.43	11.62	12.00	13.20	14.39	14.77	15.97	16.35
11	9.71	10.91	9.66	10.86	11.24	12.43	12.81	14.01	15.20	15.58	16.78	17.16
12	10.53	11.72	10.48	11.67	12.05	13.25	13.63	14.82	16.02	16.40	17.59	17.97
13	11.34	12.53	11.29	12.48	12.86	14.06	14.44	15.63	16.83	17.21	18.40	18.79
14	12.15	13.35	12.10	13.30	13.68	14.87	15.25	16.45	17.64	18.02	19.22	19.60
15	12.96	14.16	12.91	14.11	14.49	15.68	16.07	17.26	18.45	18.84	20.03	20.41
16	13.78	14.97	13.73	14.92	15.30	16.50	16.88	18.07	19.27	19.65	20.84	21.22
17	14.59	15.78	14.54	15.73	16.12	17.31	17.69	18.88	20.08	20.46	21.65	22.04
18	15.40	16.60	15.35	16.55	16.93	18.12	18.50	19.70	20.89	21.27	22.47	22.85
19	16.21	17.41	16.16	17.36	17.74	18.93	19.32	20.51	21.70	22.09	23.28	23.66
20	17.03	18.22	16.98	18.17	18.55	19.75	20.13	21.32	22.52	22.90	0.09	0.47
21	17.84	19.03	17.79	18.98	19.37	20.56	20.94	22.14	23.33	23.71	0.91	1.29
22	18.65	19.85	18.80	19.80	20.18	21.37	21.75	22.95	0.14	0.52	1.72	2.10
23	19.47	20.66	19.42	20.61	20.99	22.19	22.57	23.76	0.96	1.34	2.53	2.91
24	20.28	21.47	20.23	21.42	21.80	23.00	23.38	0.57	1.77	2.15	3.34	3.73
25	21.09	22.28	21.04	22.24	22.62	23.81	0.19	1.39	2.58	2.96	4.16	4.54
26	21.90	23.10	21.85	23.05	23.43	0.62	1.01	2.20	3.39	3.78	4.97	5.35
27	22.72	23.91	22.67	23.86	0.24	1.44	1.82	3.01	4.21	4.59	5.78	6.16
28	23.53	0.72	23.48	0.67	1.05	2.25	2.63	3.83	5.02	5.40	6.59	6.98
29	0.34		0.29	1.49	1.87	3.06	3.44	4.64	5.83	6.21	7.41	7.79
30	1.15		1.10	2.30	2.68	3.87	4.26	5.45	6.64	7.03	8.22	8.60
31	1.97		1.92		3.49		5.07	6.26		7.84		9.41

TABLE 1 (CONTINUED) LUNAR PHASE MU

YEAR 2026

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	10.23	11.42	10.18	11.37	11.75	12.93	13.33	14.52	15.72	16.10	17.29	17.67
2	11.04	12.23	10.99	12.18	12.57	13.76	14.14	15.34	16.53	16.91	18.11	18.49
3	11.85	13.05	11.80	13.00	13.38	14.57	14.95	16.15	17.34	17.72	18.92	19.30
4	12.67	13.86	12.82	13.81	14.19	15.39	15.77	16.96	18.16	18.54	19.73	20.11
5	13.48	14.67	13.43	14.62	15.00	16.20	16.58	17.77	18.97	19.35	20.54	20.93
6	14.29	15.48	14.24	15.44	15.82	17.01	17.39	18.59	19.78	20.16	21.36	21.74
7	15.10	16.30	15.05	16.25	16.63	17.82	18.21	19.40	20.59	20.98	22.17	22.55
8	15.92	17.11	15.87	17.06	17.44	18.64	19.02	20.21	21.41	21.79	22.98	23.36
9	16.73	17.92	16.68	17.87	18.26	19.45	19.83	21.02	22.22	22.60	23.79	0.18
10	17.54	18.74	17.49	18.69	19.07	20.26	20.64	21.84	23.03	23.41	0.61	0.99
11	18.35	19.55	18.30	19.50	19.88	21.07	21.45	22.65	23.84	0.23	1.42	1.80
12	19.17	20.36	19.12	20.31	20.69	21.89	22.27	23.46	0.66	1.04	2.23	2.61
13	19.98	21.17	19.93	21.12	21.51	22.70	23.08	0.28	1.47	1.85	3.03	3.43
14	20.79	21.99	20.74	21.94	22.32	23.51	23.89	1.09	2.28	2.66	3.86	4.24
15	21.61	22.80	21.56	22.75	23.13	0.33	0.71	1.90	3.10	3.48	4.67	5.05
16	22.42	23.61	22.37	23.56	23.94	1.14	1.52	2.71	3.91	4.29	5.48	5.87
17	23.23	0.43	23.18	0.38	0.76	1.95	2.33	3.53	4.72	5.10	6.30	6.68
18	0.04	1.24	23.99	1.19	1.57	2.76	3.15	4.34	5.53	5.91	7.11	7.49
19	0.86	2.05	0.81	2.00	2.38	3.58	3.96	5.15	6.35	6.73	7.92	8.30
20	1.67	2.86	1.62	2.81	3.19	4.39	4.77	5.96	7.16	7.54	8.73	9.12
21	2.48	3.68	2.43	3.63	4.01	5.20	5.58	6.78	7.97	8.35	9.55	9.93
22	3.29	4.49	3.24	4.44	4.82	6.01	6.40	7.59	8.78	9.17	10.36	10.74
23	4.11	5.30	4.06	5.25	5.63	6.83	7.21	8.40	9.60	9.98	11.17	11.55
24	4.92	6.11	4.87	6.06	6.45	7.64	8.02	9.22	10.41	10.79	11.99	12.37
25	5.73	6.93	5.68	6.88	7.26	8.45	8.83	10.03	11.22	11.60	12.80	13.18
26	6.55	7.74	6.50	7.69	8.07	9.27	9.65	10.84	12.04	12.42	13.61	13.99
27	7.36	8.55	7.31	8.50	8.88	10.08	10.46	11.65	12.85	13.23	14.42	14.81
28	8.17	9.36	8.12	9.31	9.70	10.89	11.27	12.47	13.66	14.04	15.24	15.62
29	8.98		8.93	10.13	10.51	11.70	12.08	13.28	14.47	14.86	16.05	16.43
30	9.80		9.75	10.94	11.32	12.52	12.90	14.09	15.29	15.67	16.86	17.24
31	10.61		10.56		12.13		13.71	14.90		16.48		16.86

TABLE 1 (CONTINUED) LUNAR PHASE MU

YEAR 2027

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	10.87	20.06	18.82	20.01	20.39	21.58	21.97	23.16	0.36	0.74	1.93	2.32
2	19.68	20.88	19.63	20.83	21.21	22.40	22.78	23.98	1.17	1.55	2.73	3.13
3	20.49	21.69	20.44	21.64	22.02	23.21	23.60	0.79	1.98	2.37	3.56	3.94
4	21.31	22.50	21.26	22.45	22.83	0.03	0.41	1.60	2.80	3.18	4.37	4.75
5	22.12	23.31	22.07	23.26	23.65	0.84	1.22	2.42	3.61	3.99	5.19	5.57
6	22.93	0.13	22.88	0.08	0.46	1.65	2.03	3.23	4.42	4.80	6.00	6.38
7	23.74	0.94	23.70	0.89	1.27	2.47	2.85	4.04	5.24	5.62	6.81	7.19
8	0.56	1.75	0.51	1.70	2.08	3.28	3.66	4.85	6.05	6.43	7.62	8.01
9	1.37	2.56	1.32	2.51	2.90	4.09	4.47	5.67	6.86	7.24	8.44	8.82
10	2.18	3.36	2.13	3.33	3.71	4.90	5.29	6.48	7.67	8.05	9.25	9.63
11	3.00	4.19	2.95	4.14	4.52	5.72	6.10	7.29	8.49	8.87	10.06	10.44
12	3.81	5.00	3.76	4.95	5.33	6.53	6.91	8.10	9.30	9.68	10.87	11.25
13	4.62	5.82	4.57	5.77	6.15	7.34	7.72	8.92	10.11	10.49	11.69	12.07
14	5.43	6.63	5.38	6.58	6.96	8.15	8.54	9.73	10.92	11.31	12.50	12.88
15	6.25	7.44	6.20	7.39	7.77	8.97	9.35	10.54	11.74	12.12	13.31	13.69
16	7.06	8.25	7.01	8.20	8.59	9.78	10.16	11.36	12.55	12.93	14.13	14.51
17	7.87	9.07	7.82	9.02	9.40	10.59	10.97	12.17	13.36	13.74	14.94	15.32
18	8.69	9.88	8.64	9.83	10.21	11.41	11.79	12.98	14.17	14.56	15.75	16.13
19	9.50	10.69	9.45	10.64	11.02	12.22	12.60	13.79	14.99	15.37	16.56	16.94
20	10.31	11.50	10.26	11.45	11.84	13.03	13.41	14.61	15.80	16.18	17.38	17.76
21	11.12	12.32	11.07	12.27	12.65	13.84	14.22	15.42	16.61	16.99	18.19	18.57
22	11.94	13.13	11.89	13.08	13.46	14.66	15.04	16.23	17.43	17.81	19.00	19.38
23	12.75	13.94	12.70	13.89	14.27	15.47	15.85	17.04	18.24	18.62	19.81	20.20
24	13.56	14.76	13.51	14.71	15.09	16.28	16.66	17.86	19.05	19.43	20.63	21.01
25	14.37	15.57	14.32	15.52	15.90	17.09	17.48	18.67	19.86	20.25	21.44	21.82
26	15.19	16.38	15.14	16.33	16.71	17.91	18.29	19.48	20.68	21.06	22.25	22.63
27	16.00	17.19	15.95	17.14	17.53	18.72	19.10	20.30	21.49	21.87	23.07	23.45
28	16.81	18.01	16.76	17.96	18.34	19.53	19.91	21.11	22.30	22.68	23.88	0.26
29	17.62		17.56	18.77	19.15	20.34	20.73	21.92	23.12	23.50	0.68	1.07
30	18.44		18.39	19.58	19.96	21.16	21.54	22.73	23.93	0.31	1.50	1.88
31	19.25		19.20		20.78		22.35	23.55		1.12		2.70

TABLE 1 (CONTINUED) LUNAR PHASE NU

YEAR 2028

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	3.51	4.70	4.27	5.47	5.85	7.04	7.42	8.62	9.81	10.19	11.39	11.77
2	4.32	5.52	5.09	6.28	6.66	7.86	8.24	9.43	10.63	11.01	12.20	12.58
3	5.14	6.33	5.90	7.09	7.47	8.67	9.05	10.24	11.44	11.82	13.01	13.40
4	5.95	7.14	6.71	7.91	8.29	9.48	9.86	11.06	12.25	12.63	13.83	14.21
5	6.76	7.96	7.52	8.72	9.10	10.29	10.68	11.87	13.06	13.45	14.64	15.02
6	7.57	8.77	8.34	9.53	9.91	11.11	11.49	12.68	13.88	14.26	15.45	15.83
7	8.39	9.58	9.15	10.34	10.73	11.92	12.30	13.50	14.69	15.07	16.27	16.65
8	9.20	10.39	9.96	11.16	11.54	12.73	13.11	14.31	15.50	15.88	17.08	17.46
9	10.01	11.21	10.77	11.97	12.35	13.55	13.93	15.12	16.31	16.70	17.89	18.27
10	10.82	12.02	11.59	12.78	13.16	14.36	14.74	15.93	17.13	17.51	18.70	19.08
11	11.64	12.83	12.40	13.59	13.98	15.17	15.55	16.75	17.94	18.32	19.52	19.90
12	12.45	13.64	13.21	14.41	14.79	15.98	16.36	17.56	18.75	19.13	20.33	20.71
13	13.26	14.46	14.03	15.22	15.60	16.80	17.18	18.37	19.57	19.95	21.14	21.52
14	14.08	15.27	14.84	16.03	16.41	17.61	17.99	19.18	20.38	20.76	21.95	22.34
15	14.89	16.08	15.65	16.85	17.23	18.42	18.80	20.00	21.19	21.57	22.77	23.15
16	15.70	16.90	16.46	17.66	18.04	19.23	19.62	20.81	22.00	22.39	23.58	23.96
17	16.51	17.71	17.28	18.47	18.85	20.05	20.43	21.62	22.82	23.20	0.39	0.77
18	17.33	18.52	18.09	19.28	19.67	20.86	21.24	22.44	23.63	0.01	1.20	1.59
19	18.14	19.33	18.90	20.10	20.48	21.67	22.05	23.25	0.44	0.82	2.02	2.40
20	18.95	20.13	19.72	20.91	21.29	22.48	22.87	0.06	1.25	1.64	2.83	3.21
21	19.76	20.96	20.53	21.72	22.10	23.30	23.68	0.87	2.07	2.45	3.64	4.02
22	20.58	21.77	21.34	22.53	22.92	0.11	0.49	1.89	2.88	3.26	4.46	4.84
23	21.39	22.58	22.15	23.35	23.73	0.92	1.30	2.50	3.69	4.07	5.27	5.65
24	22.20	23.40	22.97	0.16	0.54	1.74	2.12	3.31	4.51	4.89	6.08	6.46
25	23.02	0.21	23.78	0.97	1.35	2.55	2.93	4.12	5.32	5.70	6.89	7.28
26	23.83	1.02	0.59	1.79	2.17	3.36	3.74	4.94	6.13	6.51	7.71	8.09
27	0.64	1.84	1.40	2.80	2.98	4.17	4.56	5.75	6.94	7.33	8.52	8.90
28	1.45	2.65	2.22	3.41	3.79	4.99	5.37	6.56	7.76	8.14	9.33	9.71
29	2.27	3.46	3.03	4.22	4.60	5.80	6.18	7.37	8.57	8.95	10.15	10.53
30	3.08		3.84	5.04	5.42	6.61	6.99	8.19	9.38	9.76	10.96	11.34
31	3.89		4.65		6.23		7.61	9.00		10.58		12.15

TABLE 1 (CONTINUED) LUNAR PHASE NU

YEAR 2029

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	12.96	14.16	12.91	14.11	14.49	15.68	16.07	17.26	18.45	18.84	20.03	20.41
2	13.78	14.97	13.73	14.92	15.30	16.50	16.88	18.07	19.27	19.65	20.84	21.22
3	14.59	15.78	14.54	15.73	16.12	17.31	17.69	18.89	20.08	20.46	21.66	22.04
4	15.40	16.60	15.35	16.55	16.93	18.12	18.50	19.70	20.89	21.27	22.47	22.85
5	16.22	17.41	16.17	17.36	17.74	18.94	19.32	20.51	21.71	22.09	23.28	23.66
6	17.03	18.22	16.98	18.17	18.55	19.75	20.13	21.32	22.52	22.90	0.09	0.48
7	17.84	19.03	17.79	18.99	19.37	20.56	20.94	22.14	23.33	23.71	0.91	1.29
8	18.65	19.85	18.80	19.80	20.18	21.37	21.76	22.95	0.14	0.53	1.72	2.10
9	19.47	20.66	19.42	20.61	20.99	22.19	22.57	23.76	0.96	1.34	2.53	2.91
10	20.28	21.47	20.23	21.42	21.80	23.00	23.38	0.58	1.77	2.15	3.34	3.73
11	21.09	22.29	21.04	22.24	22.62	23.81	0.19	1.39	2.58	2.96	4.16	4.54
12	21.90	23.10	21.85	23.05	23.43	0.62	1.01	2.20	3.39	3.78	4.97	5.35
13	22.72	23.91	22.67	23.86	0.24	1.44	1.82	3.01	4.21	4.59	5.78	6.16
14	23.53	0.72	23.48	0.67	1.06	2.25	2.63	3.83	5.02	5.40	6.60	6.98
15	0.34	1.54	0.29	1.49	1.87	3.06	3.44	4.64	5.83	6.21	7.41	7.79
16	1.16	2.35	1.11	2.30	2.68	3.88	4.26	5.45	6.65	7.03	8.22	8.60
17	1.97	3.16	1.92	3.11	3.49	4.69	5.07	6.26	7.46	7.84	9.03	9.42
18	2.78	3.98	2.73	3.93	4.31	5.50	5.88	7.08	8.27	8.65	9.85	10.23
19	3.59	4.79	3.54	4.74	5.12	6.31	6.70	7.89	9.08	9.47	10.66	11.04
20	4.41	5.60	4.36	5.55	5.93	7.13	7.51	8.70	9.90	10.28	11.47	11.85
21	5.22	6.41	5.17	6.36	6.74	7.94	8.32	9.51	10.71	11.09	12.28	12.67
22	6.03	7.23	5.98	7.18	7.56	8.75	9.13	10.33	11.52	11.90	13.10	13.48
23	6.84	8.04	6.79	7.99	8.37	9.56	9.95	11.14	12.33	12.72	13.91	14.29
24	7.66	8.85	7.61	8.80	9.18	10.38	10.76	11.95	13.15	13.53	14.72	15.10
25	8.47	9.66	8.42	9.61	10.00	11.19	11.57	12.77	13.96	14.34	15.54	15.92
26	9.28	10.48	9.23	10.43	10.81	12.00	12.38	13.58	14.77	15.15	16.35	16.73
27	10.10	11.29	10.05	11.24	11.62	12.82	13.20	14.39	15.59	15.97	17.16	17.54
28	10.91	12.10	10.86	12.05	12.43	13.63	14.01	15.20	16.40	16.78	17.97	18.36
29	11.72		11.67	12.87	13.25	14.44	14.82	16.02	17.21	17.59	18.79	19.17
30	12.53		12.48	13.68	14.06	15.25	15.63	16.83	18.02	18.41	19.60	19.98
31	13.35		13.30		14.87		16.45	17.64		19.22		20.79

TABLE 1 (CONTINUED) LUNAR PHASE MU

YEAR 2030

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	21.61	22.60	21.56	22.75	23.13	0.33	0.71	1.90	3.10	3.48	4.67	5.05
2	22.42	23.61	22.37	23.56	23.94	1.14	1.52	2.71	3.91	4.29	5.48	5.87
3	23.23	0.43	23.18	0.36	0.76	1.95	2.33	3.53	4.72	5.10	6.30	6.68
4	0.04	1.24	23.99	1.19	1.57	2.76	3.15	4.34	5.53	5.92	7.11	7.49
5	0.06	2.05	0.81	2.00	2.38	3.58	3.96	5.15	6.35	6.73	7.92	8.30
6	1.67	2.86	1.62	2.81	3.20	4.39	4.77	5.97	7.16	7.54	8.74	9.12
7	2.48	3.68	2.43	3.63	4.01	5.20	5.58	6.78	7.97	8.35	9.55	9.93
8	3.30	4.49	3.25	4.44	4.82	6.02	6.40	7.59	8.79	9.17	10.36	10.74
9	4.11	5.30	4.06	5.25	5.63	6.83	7.21	8.40	9.60	9.98	11.17	11.56
10	4.92	6.11	4.87	6.06	6.45	7.64	8.02	9.22	10.41	10.79	11.99	12.37
11	5.73	6.93	5.68	6.88	7.26	8.45	8.84	10.03	11.22	11.61	12.80	13.18
12	6.55	7.74	6.50	7.69	8.07	9.27	9.65	10.84	12.04	12.42	13.61	13.99
13	7.36	8.55	7.31	8.50	8.88	10.08	10.46	11.65	12.85	13.23	14.42	14.81
14	8.17	9.37	8.12	9.32	9.70	10.89	11.27	12.47	13.66	14.04	15.24	15.62
15	8.98	10.18	8.93	10.13	10.51	11.70	12.09	13.28	14.47	14.86	16.05	16.43
16	9.80	10.99	9.75	10.94	11.32	12.52	12.90	14.09	15.29	15.67	16.86	17.24
17	10.61	11.80	10.56	11.75	12.14	13.33	13.71	14.91	16.10	16.48	17.68	18.06
18	11.42	12.62	11.37	12.57	12.95	14.14	14.52	15.72	16.91	17.29	18.49	18.87
19	12.24	13.43	12.19	13.38	13.76	14.96	15.34	16.53	17.73	18.11	19.30	19.68
20	13.05	14.24	13.00	14.19	14.57	15.77	16.15	17.34	18.54	18.92	20.11	20.49
21	13.86	15.05	13.81	15.01	15.39	16.58	16.96	18.16	19.35	19.73	20.93	21.31
22	14.67	15.87	14.62	15.82	16.20	17.39	17.77	18.97	20.16	20.54	21.74	22.12
23	15.49	16.68	15.44	16.63	17.01	18.21	18.59	19.78	20.98	21.36	22.55	22.93
24	16.30	17.49	16.25	17.44	17.82	19.02	19.40	20.59	21.79	22.17	23.36	23.75
25	17.11	18.31	17.06	18.26	18.64	19.83	20.21	21.41	22.60	22.98	0.18	0.56
26	17.92	19.12	17.87	19.07	19.45	20.64	21.03	22.22	23.41	23.80	0.99	1.37
27	18.74	19.93	18.89	19.88	20.26	21.46	21.84	23.03	0.23	0.61	1.80	2.18
28	19.55	20.74	19.90	20.69	21.08	22.27	22.65	23.85	1.04	1.42	2.62	3.00
29	20.36		20.31	21.51	21.89	23.08	23.46	0.66	1.85	2.23	3.43	3.81
30	21.18		21.13	22.32	22.70	23.90	0.28	1.47	2.67	3.05	4.24	4.62
31	21.99		21.94		23.51		1.09	2.28		3.86		5.44

TABLE 1 (CONTINUED) LUNAR PHASE MU

YEAR 2031

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	6.25	7.44	6.20	7.39	7.77	8.97	9.35	10.54	11.74	12.12	13.31	13.70
2	7.06	8.25	7.01	8.20	8.59	9.78	10.16	11.36	12.55	12.93	14.13	14.51
3	7.87	9.07	7.82	9.02	9.40	10.59	10.97	12.17	13.36	13.75	14.94	15.32
4	8.69	9.88	8.64	9.83	10.21	11.41	11.79	12.98	14.18	14.56	15.75	16.13
5	9.50	10.69	9.45	10.64	11.02	12.22	12.60	13.79	14.99	15.37	16.56	16.95
6	10.31	11.51	10.26	11.46	11.84	13.03	13.41	14.61	15.80	16.18	17.38	17.76
7	11.12	12.32	11.07	12.27	12.65	13.84	14.23	15.42	16.61	17.00	18.19	18.57
8	11.94	13.13	11.89	13.08	13.46	14.66	15.04	16.23	17.43	17.81	19.00	19.38
9	12.75	13.94	12.70	13.89	14.28	15.47	15.85	17.05	18.24	18.62	19.82	20.20
10	13.56	14.76	13.51	14.71	15.09	16.28	16.66	17.86	19.05	19.43	20.63	21.01
11	14.37	15.57	14.33	15.52	15.90	17.10	17.48	18.67	19.87	20.25	21.44	21.82
12	15.19	16.38	15.14	16.33	16.71	17.91	18.29	19.48	20.68	21.06	22.25	22.63
13	16.00	17.19	15.95	17.14	17.53	18.72	19.10	20.30	21.49	21.87	23.07	23.45
14	16.81	18.01	16.76	17.96	18.34	19.53	19.91	21.11	22.30	22.68	23.88	0.26
15	17.63	18.82	17.58	18.77	19.15	20.35	20.73	21.92	23.12	23.50	0.69	1.07
16	18.44	19.63	18.39	19.58	19.96	21.16	21.54	22.73	23.93	0.51	1.50	1.89
17	19.25	20.45	19.20	20.40	20.78	21.97	22.35	23.55	0.74	1.12	2.32	2.70
18	20.06	21.26	20.01	21.21	21.59	22.78	23.17	0.36	1.55	1.94	3.13	3.51
19	20.88	22.07	20.83	22.02	22.40	23.60	23.98	1.17	2.37	2.75	3.94	4.32
20	21.69	22.88	21.64	22.83	23.22	0.41	0.79	1.99	3.18	3.56	4.76	5.14
21	22.50	23.70	22.45	23.65	0.03	1.22	1.60	2.80	3.99	4.37	5.57	5.95
22	23.32	0.51	23.27	0.46	0.84	2.04	2.42	3.61	4.80	5.19	6.38	6.76
23	0.13	1.32	0.08	1.27	1.65	2.85	3.23	4.42	5.62	6.00	7.19	7.57
24	0.94	2.13	0.89	2.08	2.47	3.66	4.04	5.24	6.43	6.81	8.01	8.39
25	1.75	2.95	1.70	2.90	3.28	4.47	4.85	6.05	7.24	7.62	8.82	9.20
26	2.57	3.76	2.52	3.71	4.09	5.29	5.67	6.86	8.06	8.44	9.63	10.01
27	3.38	4.57	3.33	4.52	4.90	6.10	6.48	7.67	8.87	9.25	10.44	10.83
28	4.19	5.39	4.14	5.34	5.72	6.91	7.29	8.49	9.68	10.06	11.26	11.64
29	5.00		4.95	6.15	6.53	7.72	8.11	9.30	10.49	10.88	12.07	12.45
30	5.82		5.77	6.96	7.34	8.54	8.92	10.11	11.31	11.69	12.88	13.26
31	6.63		6.58		8.16		9.73	10.92		12.50		14.08

TABLE 1 (CONTINUED) LUNAR PHASE NU

YEAR 2032

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	14.89	16.08	15.65	16.85	17.23	18.42	18.80	20.00	21.19	21.57	22.77	23.15
2	15.70	16.90	16.47	17.66	18.04	19.23	19.62	20.81	22.00	22.39	23.58	23.96
3	16.51	17.71	17.28	18.47	18.85	20.05	20.43	21.62	22.82	23.20	0.39	0.78
4	17.33	18.52	18.09	19.28	19.67	20.86	21.24	22.44	23.63	0.01	1.21	1.59
5	18.14	19.33	18.90	20.10	20.48	21.67	22.05	23.25	0.44	0.82	2.02	2.40
6	18.95	20.15	19.72	20.91	21.29	22.49	22.87	0.06	1.26	1.64	2.83	3.21
7	19.77	20.96	20.53	21.72	22.10	23.30	23.68	0.87	2.07	2.45	3.64	4.03
8	20.58	21.77	21.34	22.54	22.92	0.11	0.49	1.69	2.88	3.26	4.46	4.84
9	21.39	22.59	22.15	23.35	23.73	0.92	1.31	2.50	3.69	4.08	5.27	5.65
10	22.20	23.40	22.97	0.16	0.54	1.74	2.12	3.31	4.51	4.89	6.08	6.46
11	23.02	0.21	23.78	0.97	1.35	2.55	2.93	4.13	5.32	5.70	6.90	7.28
12	23.83	1.02	0.59	1.79	2.17	3.36	3.74	4.94	6.13	6.51	7.71	8.09
13	0.64	1.84	1.40	2.60	2.98	4.18	4.56	5.75	6.94	7.33	8.52	8.90
14	1.45	2.65	2.22	3.41	3.79	4.99	5.37	6.56	7.76	8.14	9.33	9.71
15	2.27	3.46	3.03	4.22	4.61	5.80	6.18	7.38	8.57	8.95	10.15	10.53
16	3.08	4.27	3.84	5.04	5.42	6.61	6.99	8.19	9.38	9.76	10.96	11.34
17	3.89	5.09	4.66	5.85	6.23	7.43	7.81	9.00	10.20	10.58	11.77	12.15
18	4.71	5.90	5.47	6.66	7.04	8.24	8.62	9.81	11.01	11.39	12.58	12.97
19	5.52	6.71	6.28	7.48	7.86	9.05	9.43	10.63	11.82	12.20	13.40	13.78
20	6.33	7.53	7.09	8.29	8.67	9.86	10.25	11.44	12.63	13.02	14.21	14.59
21	7.14	8.34	7.91	9.10	9.48	10.68	11.06	12.25	13.45	13.83	15.02	15.40
22	7.96	9.15	8.72	9.91	10.30	11.49	11.87	13.06	14.26	14.64	15.83	16.22
23	8.77	9.96	9.53	10.73	11.11	12.30	12.68	13.88	15.07	15.45	16.65	17.03
24	9.58	10.78	10.34	11.54	11.92	13.11	13.50	14.69	15.88	16.27	17.46	17.84
25	10.39	11.59	11.16	12.35	12.73	13.93	14.31	15.50	16.70	17.08	18.27	18.65
26	11.21	12.40	11.97	13.16	13.55	14.74	15.12	16.32	17.51	17.89	19.09	19.47
27	12.02	13.21	12.78	13.98	14.36	15.55	15.93	17.13	18.32	18.70	19.90	20.28
28	12.83	14.03	13.60	14.79	15.17	16.37	16.75	17.94	19.14	19.52	20.71	21.09
29	13.65	14.84	14.41	15.60	15.98	17.18	17.56	18.75	19.95	20.33	21.52	21.91
30	14.46		15.22	16.42	16.80	17.99	18.37	19.57	20.76	21.14	22.34	22.72
31	15.27		16.03		17.61		19.19	20.38		21.96		23.53

TABLE 1 (CONTINUED) LUNAR PHASE NU

YEAR 2033

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	0.34	1.54	0.29	1.49	1.87	3.06	3.45	4.64	5.83	6.22	7.41	7.79
2	1.16	2.35	1.11	2.30	2.68	3.88	4.26	5.45	6.65	7.03	8.22	8.60
3	1.97	3.16	1.92	3.11	3.49	4.69	5.07	6.26	7.46	7.84	9.04	9.42
4	2.78	3.98	2.73	3.93	4.31	5.50	5.88	7.08	8.27	8.65	9.85	10.23
5	3.59	4.79	3.54	4.74	5.12	6.31	6.70	7.89	9.08	9.47	10.66	11.04
6	4.41	5.60	4.36	5.55	5.93	7.13	7.51	8.70	9.90	10.28	11.47	11.85
7	5.22	6.41	5.17	6.36	6.75	7.94	8.32	9.52	10.71	11.09	12.29	12.67
8	6.03	7.23	5.98	7.18	7.56	8.75	9.13	10.33	11.52	11.90	13.10	13.48
9	6.85	8.04	6.80	7.99	8.37	9.57	9.95	11.14	12.34	12.72	13.91	14.29
10	7.66	8.85	7.61	8.80	9.18	10.38	10.76	11.95	13.15	13.53	14.72	15.11
11	8.47	9.66	8.42	9.62	10.00	11.19	11.57	12.77	13.96	14.34	15.54	15.92
12	9.28	10.48	9.23	10.43	10.81	12.00	12.39	13.58	14.77	15.16	16.35	16.73
13	10.10	11.29	10.05	11.24	11.62	12.82	13.20	14.39	15.59	15.97	17.16	17.54
14	10.91	12.10	10.86	12.05	12.43	13.63	14.01	15.21	16.40	16.78	17.97	18.36
15	11.72	12.92	11.67	12.87	13.25	14.44	14.82	16.02	17.21	17.59	18.79	19.17
16	12.53	13.73	12.48	13.68	14.06	15.25	15.64	16.83	18.02	18.41	19.60	19.98
17	13.35	14.54	13.30	14.49	14.87	16.07	16.45	17.64	18.84	19.22	20.41	20.79
18	14.16	15.35	14.11	15.30	15.68	16.88	17.26	18.46	19.65	20.03	21.23	21.61
19	14.97	16.17	14.92	16.12	16.50	17.69	18.07	19.27	20.46	20.84	22.04	22.42
20	15.78	16.98	15.74	16.93	17.31	18.51	18.89	20.08	21.28	21.66	22.85	23.23
21	16.60	17.79	16.55	17.74	18.12	19.32	19.70	20.89	22.09	22.47	23.66	0.05
22	17.41	18.61	17.36	18.56	18.94	20.13	20.51	21.71	22.90	23.28	0.48	0.86
23	18.22	19.42	18.17	19.37	19.75	20.94	21.33	22.52	23.71	0.09	1.29	1.67
24	19.04	20.23	18.99	20.18	20.56	21.76	22.14	23.33	0.53	0.91	2.10	2.48
25	19.85	21.04	19.80	20.99	21.37	22.57	22.95	0.14	1.34	1.72	2.91	3.30
26	20.66	21.86	20.61	21.81	22.19	23.38	23.76	0.96	2.15	2.53	3.73	4.11
27	21.47	22.67	21.42	22.62	23.00	0.19	0.58	1.77	2.96	3.35	4.54	4.92
28	22.29	23.48	22.24	23.43	23.81	1.01	1.39	2.58	3.78	4.16	5.35	5.73
29	23.10		23.05	0.24	0.63	1.82	2.20	3.40	4.59	4.97	6.17	6.55
30	23.91		23.86	1.06	1.44	2.63	3.01	4.21	5.40	5.78	6.98	7.36
31	0.73		0.68		2.25		3.83	5.02		6.60		6.17

TABLE 1 (CONTINUED) LUNAR PHASE MU

YEAR 2034

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	8.99	10.18	8.94	10.13	10.51	11.71	12.09	13.28	14.48	14.86	16.05	16.43
2	9.80	10.99	9.75	10.94	11.32	12.52	12.90	14.09	15.29	15.67	16.86	17.25
3	10.61	11.80	10.56	11.76	12.14	13.33	13.71	14.91	16.10	16.48	17.68	18.06
4	11.42	12.62	11.37	12.57	12.95	14.14	14.52	15.72	16.91	17.29	18.49	18.87
5	12.24	13.43	12.19	13.38	13.76	14.96	15.34	16.53	17.73	18.11	19.30	19.68
6	13.05	14.24	13.00	14.19	14.57	15.77	16.15	17.34	18.54	18.92	20.11	20.50
7	13.86	15.06	13.81	15.01	15.39	16.58	16.96	18.16	19.35	19.73	20.93	21.31
8	14.67	15.87	14.62	15.82	16.20	17.39	17.78	18.97	20.16	20.55	21.74	22.12
9	15.49	16.68	15.44	16.63	17.01	18.21	18.59	19.78	20.98	21.36	22.55	22.93
10	16.30	17.49	16.25	17.44	17.83	19.02	19.40	20.60	21.79	22.17	23.37	23.75
11	17.11	18.31	17.06	18.26	18.64	19.83	20.21	21.41	22.60	22.98	0.18	0.56
12	17.92	19.12	17.88	19.07	19.45	20.65	21.03	22.22	23.42	23.80	0.99	1.37
13	18.74	19.93	18.69	19.88	20.26	21.46	21.84	23.03	0.23	0.61	1.80	2.19
14	19.55	20.74	19.50	20.69	21.08	22.27	22.65	23.85	1.04	1.42	2.62	3.00
15	20.36	21.56	20.31	21.51	21.89	23.08	23.47	0.86	1.85	2.23	3.43	3.81
16	21.18	22.37	21.13	22.32	22.70	23.90	0.28	1.47	2.67	3.05	4.24	4.62
17	21.99	23.18	21.94	23.13	23.51	0.71	1.09	2.28	3.48	3.86	5.05	5.44
18	22.80	24.00	22.75	23.95	0.33	1.52	1.90	3.10	4.29	4.67	5.87	6.25
19	23.61	0.81	23.56	0.76	1.14	2.33	2.72	3.91	5.10	5.49	6.68	7.06
20	0.43	1.82	0.38	1.57	1.95	3.15	3.53	4.72	5.92	6.30	7.49	7.87
21	1.24	2.43	1.19	2.38	2.77	3.96	4.34	5.54	6.73	7.11	8.31	8.69
22	2.05	3.25	2.00	3.20	3.58	4.77	5.15	6.35	7.54	7.92	9.12	9.50
23	2.86	4.06	2.82	4.01	4.39	5.59	5.97	7.16	8.36	8.74	9.93	10.31
24	3.68	4.87	3.63	4.82	5.20	6.40	6.78	7.97	9.17	9.55	10.74	11.12
25	4.49	5.68	4.44	5.64	6.02	7.21	7.59	8.79	9.98	10.36	11.56	11.94
26	5.30	6.50	5.25	6.45	6.83	8.02	8.40	9.60	10.79	11.17	12.37	12.75
27	6.12	7.31	6.07	7.26	7.64	8.84	9.22	10.41	11.61	11.99	13.18	13.56
28	6.93	8.12	6.88	8.07	8.45	9.65	10.03	11.22	12.42	12.80	13.99	14.38
29	7.74		7.69	8.89	9.27	10.46	10.84	12.04	13.23	13.61	14.81	15.19
30	8.55		8.50	9.70	10.08	11.27	11.65	12.85	14.04	14.43	15.62	16.00
31	9.37		9.32		10.89		12.47	13.86		15.24		16.61

TABLE 1 (CONTINUED) LUNAR PHASE MU

YEAR 2035

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	17.63	18.82	17.58	18.77	19.15	20.35	20.73	21.92	23.12	23.50	0.69	1.07
2	18.44	19.63	18.39	19.58	19.97	21.16	21.54	22.74	23.93	0.31	1.51	1.89
3	19.25	20.45	19.20	20.40	20.78	21.97	22.35	23.55	0.74	1.12	2.32	2.70
4	20.07	21.26	20.02	21.21	21.59	22.79	23.17	0.36	1.55	1.94	3.13	3.51
5	20.88	22.07	20.83	22.02	22.40	23.60	23.98	1.17	2.37	2.75	3.94	4.33
6	21.69	22.88	21.64	22.83	23.22	0.41	0.79	1.99	3.18	3.56	4.76	5.14
7	22.50	23.70	22.45	23.65	0.03	1.22	1.60	2.80	3.99	4.37	5.57	5.95
8	23.32	0.51	23.27	0.46	0.84	2.04	2.42	3.61	4.81	5.19	6.38	6.76
9	0.13	1.32	0.08	1.27	1.65	2.85	3.23	4.42	5.62	6.00	7.19	7.58
10	0.94	2.14	0.89	2.09	2.47	3.66	4.04	5.24	6.43	6.81	8.01	8.39
11	1.75	2.95	1.70	2.90	3.28	4.47	4.86	6.05	7.24	7.63	8.82	9.20
12	2.57	3.76	2.52	3.71	4.09	5.29	5.67	6.86	8.06	8.44	9.63	10.01
13	3.38	4.57	3.33	4.52	4.91	6.10	6.48	7.68	8.87	9.25	10.45	10.83
14	4.19	5.39	4.14	5.34	5.72	6.91	7.29	8.49	9.68	10.06	11.26	11.64
15	5.00	6.20	4.95	6.15	6.53	7.72	8.11	9.30	10.50	10.88	12.07	12.45
16	5.82	7.01	5.77	6.96	7.34	8.54	8.92	10.11	11.31	11.69	12.88	13.26
17	6.63	7.82	6.58	7.77	8.16	9.35	9.73	10.93	12.12	12.50	13.70	14.08
18	7.44	8.64	7.39	8.59	8.97	10.16	10.54	11.74	12.93	13.31	14.51	14.89
19	8.26	9.45	8.21	9.40	9.78	10.98	11.36	12.55	13.75	14.13	15.32	15.70
20	9.07	10.26	9.02	10.21	10.59	11.79	12.17	13.36	14.56	14.94	16.13	16.52
21	9.88	11.08	9.83	11.03	11.41	12.60	12.98	14.18	15.37	15.75	16.95	17.33
22	10.69	11.89	10.64	11.84	12.22	13.41	13.80	14.99	16.18	16.57	17.76	18.14
23	11.51	12.70	11.46	12.65	13.03	14.23	14.61	15.80	17.00	17.38	18.57	18.95
24	12.32	13.51	12.27	13.46	13.85	15.04	15.42	16.62	17.81	18.19	19.38	19.77
25	13.13	14.33	13.08	14.28	14.66	15.85	16.23	17.43	18.62	19.00	20.20	20.58
26	13.94	15.14	13.90	15.09	15.47	16.66	17.05	18.24	19.43	19.82	21.01	21.39
27	14.76	15.95	14.71	15.90	16.28	17.48	17.86	19.05	20.25	20.63	21.82	22.20
28	15.57	16.76		15.52	16.71	17.10	18.29	19.67	21.06	21.44	22.64	23.02
29	16.38		16.33	17.53	17.91	19.10	19.48	20.88	21.87	22.25	23.45	23.83
30	17.20		17.15	18.34	18.72	19.92	20.30	21.49	22.69	23.07	0.26	0.64
31	18.01		17.96		19.53		21.11	22.30		23.68		1.46

TABLE 1 (CONTINUED) LUNAR PHASE MU

YEAR 2036

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	2.27	3.46	3.03	4.23	4.61	5.80	6.18	7.38	8.57	8.95	10.15	10.53
2	3.08	4.28	3.84	5.04	5.42	6.61	7.00	8.19	9.38	9.77	10.96	11.34
3	3.89	5.09	4.66	5.85	6.23	7.43	7.81	9.00	10.20	10.58	11.77	12.15
4	4.71	5.90	5.47	6.66	7.05	8.24	8.62	9.81	11.01	11.39	12.59	12.97
5	5.52	6.71	6.28	7.48	7.86	9.05	9.43	10.63	11.82	12.20	13.40	13.78
6	6.33	7.53	7.09	8.29	8.67	9.86	10.25	11.44	12.63	13.02	14.21	14.59
7	7.14	8.34	7.91	9.10	9.48	10.68	11.06	12.25	13.45	13.83	15.02	15.40
8	7.96	9.15	8.72	9.91	10.30	11.49	11.87	13.07	14.26	14.64	15.84	16.22
9	8.77	9.96	9.53	10.73	11.11	12.30	12.68	13.88	15.07	15.45	16.65	17.03
10	9.58	10.78	10.35	11.54	11.92	13.12	13.50	14.69	15.89	16.27	17.46	17.84
11	10.40	11.59	11.16	12.35	12.73	13.93	14.31	15.50	16.70	17.08	18.27	18.66
12	11.21	12.40	11.97	13.17	13.55	14.74	15.12	16.32	17.51	17.89	19.09	19.47
13	12.02	13.22	12.78	13.98	14.36	15.55	15.94	17.13	18.32	18.71	19.90	20.28
14	12.83	14.03	13.60	14.79	15.17	16.37	16.75	17.94	19.14	19.52	20.71	21.09
15	13.65	14.84	14.41	15.60	15.98	17.18	17.56	18.76	19.95	20.33	21.52	21.91
16	14.46	15.65	15.22	16.42	16.80	17.99	18.37	19.57	20.76	21.14	22.34	22.72
17	15.27	16.47	16.03	17.23	17.61	18.80	19.19	20.38	21.57	21.96	23.15	23.53
18	16.08	17.28	16.85	18.04	18.42	19.62	20.00	21.19	22.39	22.77	23.96	0.34
19	16.90	18.09	17.66	18.85	19.24	20.43	20.81	22.01	23.20	23.58	0.78	1.16
20	17.71	18.90	18.47	19.67	20.05	21.24	21.62	22.82	0.01	0.39	1.59	1.97
21	18.52	19.72	19.29	20.48	20.86	22.06	22.44	23.63	0.63	1.21	2.40	2.78
22	19.34	20.53	20.10	21.29	21.67	22.87	23.25	0.44	1.64	2.02	3.21	3.60
23	20.15	21.34	20.91	22.11	22.49	23.68	0.06	1.26	2.45	2.83	4.03	4.41
24	20.96	22.15	21.72	22.92	23.30	0.49	0.88	2.07	3.26	3.65	4.84	5.22
25	21.77	22.97	22.54	23.73	0.11	1.31	1.69	2.88	4.06	4.46	5.65	6.03
26	22.59	23.78	23.35	0.54	0.93	2.12	2.50	3.69	4.89	5.27	6.46	6.85
27	23.40	0.59	0.16	1.38	1.74	2.93	3.31	4.51	5.70	6.08	7.28	7.66
28	0.21	1.41	0.97	2.17	2.55	3.74	4.13	5.32	6.51	6.90	8.09	8.47
29	1.02	2.22	1.79	2.98	3.36	4.56	4.94	6.13	7.33	7.71	8.90	9.28
30	1.84		2.60	3.79	4.18	5.37	5.75	6.95	8.14	8.52	9.72	10.10
31	2.65		3.41		4.99		6.56	7.76		9.33		10.91

TABLE 1 (CONTINUED) LUNAR PHASE MU

YEAR 2037

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	11.72	12.92	11.67	12.87	13.25	14.44	14.82	16.02	17.21	17.59	18.79	19.17
2	12.54	13.73	12.49	13.68	14.06	15.26	15.64	16.83	18.03	18.41	19.60	19.98
3	13.35	14.54	13.30	14.49	14.87	16.07	16.45	17.64	18.84	19.22	20.41	20.80
4	14.16	15.36	14.11	15.31	15.69	16.88	17.26	18.46	19.65	20.03	21.23	21.61
5	14.97	16.17	14.92	16.12	16.50	17.69	18.08	19.27	20.46	20.84	22.04	22.42
6	15.79	16.98	15.74	16.93	17.31	18.51	18.89	20.08	21.28	21.66	22.85	23.23
7	16.60	17.79	16.55	17.74	18.12	19.32	19.70	20.89	22.09	22.47	23.67	0.05
8	17.41	18.61	17.36	18.56	18.94	20.13	20.51	21.71	22.90	23.28	0.48	0.86
9	18.22	19.42	18.17	19.37	19.75	20.94	21.33	22.52	23.71	0.10	1.29	1.67
10	19.04	20.23	18.99	20.18	20.56	21.76	22.14	23.33	0.53	0.91	2.10	2.48
11	19.85	21.04	19.80	20.99	21.38	22.57	22.95	0.15	1.34	1.72	2.92	3.30
12	20.66	21.86	20.61	21.81	22.19	23.38	23.76	0.96	2.15	2.53	3.73	4.11
13	21.48	22.67	21.43	22.62	23.00	0.20	0.58	1.77	2.97	3.35	4.54	4.92
14	22.29	23.48	22.24	23.43	23.81	1.01	1.39	2.58	3.78	4.16	5.35	5.74
15	23.10	0.29	23.05	0.24	0.63	1.82	2.20	3.40	4.59	4.97	6.17	6.55
16	23.91	1.11	23.86	1.06	1.44	2.63	3.02	4.21	5.40	5.79	6.98	7.36
17	0.73	1.92	0.68	1.87	2.25	3.45	3.83	5.02	6.22	6.60	7.79	8.17
18	1.54	2.73	1.49	2.68	3.06	4.26	4.64	5.83	7.03	7.41	8.60	8.99
19	2.35	3.55	2.30	3.50	3.88	5.07	5.45	6.65	7.84	8.22	9.42	9.80
20	3.16	4.36	3.11	4.31	4.69	5.88	6.27	7.46	8.65	9.04	10.23	10.61
21	3.98	5.17	3.93	5.12	5.50	6.70	7.08	8.27	9.47	9.85	11.04	11.42
22	4.79	5.98	4.74	5.93	6.32	7.51	7.89	9.09	10.28	10.66	11.86	12.24
23	5.60	6.80	5.55	6.75	7.13	8.32	8.70	9.90	11.09	11.47	12.67	13.05
24	6.41	7.61	6.37	7.56	7.94	9.14	9.52	10.71	11.91	12.29	13.48	13.86
25	7.23	8.42	7.18	8.37	8.75	9.95	10.33	11.52	12.72	13.10	14.29	14.67
26	8.04	9.23	7.99	9.19	9.57	10.76	11.14	12.34	13.53	13.91	15.11	15.49
27	8.85	10.05	8.80	10.00	10.38	11.57	11.96	13.15	14.34	14.72	15.92	16.30
28	9.67	10.86		9.62	10.81	11.19	12.39	12.77	13.96	15.16	16.35	17.11
29	10.48		10.43	11.62	12.00	13.20	13.58	14.77	15.97	16.35	17.54	17.93
30	11.29		11.24	12.44	12.82	14.01	14.39	15.59	16.78	17.16	18.36	18.74
31	12.10		12.05		13.63		15.21	16.40		17.98		19.55

TABLE 1 (CONTINUED) LUNAR PHASE MU

YEAR 2036

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	20.36	21.56	20.31	21.51	21.09	23.08	23.47	0.66	1.85	2.24	3.43	3.81
2	21.18	22.37	21.13	22.32	22.70	23.90	0.28	1.47	2.67	3.05	4.24	4.62
3	21.99	23.18	21.94	23.13	23.52	0.71	1.09	2.29	3.48	3.86	5.06	5.44
4	22.80	24.00	22.75	23.95	0.33	1.52	1.90	3.10	4.29	4.67	5.87	6.25
5	23.62	0.81	23.57	0.76	1.14	2.34	2.72	3.91	5.11	5.49	6.68	7.06
6	0.43	1.62	0.38	1.57	1.95	3.15	3.53	4.72	5.92	6.30	7.49	7.88
7	1.24	2.43	1.19	2.39	2.77	3.96	4.34	5.54	6.73	7.11	8.31	8.69
8	2.05	3.25	2.00	3.20	3.58	4.77	5.15	6.35	7.54	7.92	9.12	9.50
9	2.87	4.06	2.82	4.01	4.39	5.59	5.97	7.16	8.36	8.74	9.93	10.31
10	3.68	4.87	3.63	4.82	5.20	6.40	6.78	7.97	9.17	9.55	10.74	11.13
11	4.49	5.69	4.44	5.64	6.02	7.21	7.59	8.79	9.98	10.36	11.56	11.94
12	5.30	6.50	5.25	6.45	6.83	8.02	8.41	9.60	10.79	11.18	12.37	12.75
13	6.12	7.31	6.07	7.26	7.64	8.84	9.22	10.41	11.61	11.99	13.18	13.56
14	6.93	8.12	6.88	8.07	8.46	9.65	10.03	11.23	12.42	12.80	14.00	14.38
15	7.74	8.94	7.69	8.89	9.27	10.46	10.84	12.04	13.23	13.61	14.81	15.19
16	8.55	9.75	8.51	9.70	10.08	11.27	11.66	12.85	14.05	14.43	15.62	16.00
17	9.37	10.56	9.32	10.51	10.89	12.09	12.47	13.66	14.86	15.24	16.43	16.82
18	10.18	11.37	10.13	11.32	11.71	12.90	13.28	14.48	15.67	16.05	17.25	17.63
19	10.99	12.19	10.94	12.14	12.52	13.71	14.10	15.29	16.48	16.86	18.06	18.44
20	11.81	13.00	11.76	12.95	13.33	14.53	14.91	16.10	17.30	17.68	18.87	19.25
21	12.62	13.81	12.57	13.76	14.14	15.34	15.72	16.91	18.11	18.49	19.68	20.07
22	13.43	14.63	13.38	14.58	14.96	16.15	16.53	17.73	18.92	19.30	20.50	20.88
23	14.24	15.44	14.19	15.39	15.77	16.96	17.35	18.54	19.73	20.12	21.31	21.69
24	15.06	16.25	15.01	16.20	16.58	17.78	18.16	19.35	20.55	20.93	22.12	22.50
25	15.87	17.06	15.82	17.01	17.40	18.59	18.97	20.17	21.36	21.74	22.94	23.32
26	16.68	17.86	16.63	17.83	18.21	19.40	19.78	20.98	22.17	22.55	23.75	0.13
27	17.49	18.69	17.45	18.64	19.02	20.22	20.60	21.79	22.98	23.37	0.56	0.94
28	18.31	19.50	18.26	19.45	19.83	21.03	21.41	22.60	23.80	0.18	1.37	1.75
29	19.12		19.07	20.26	20.65	21.84	22.22	23.42	0.61	0.99	2.19	2.57
30	19.93		19.88	21.08	21.46	22.65	23.03	0.23	1.42	1.80	3.00	3.38
31	20.75		20.70		22.27		23.65	1.04		2.62		4.19

TABLE 1 (CONTINUED) LUNAR PHASE MU

YEAR 2039

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	5.01	6.20	4.96	6.15	6.53	7.73	8.11	9.30	10.50	10.88	12.07	12.45
2	5.82	7.01	5.77	6.96	7.34	8.54	8.92	10.11	11.31	11.69	12.88	13.27
3	6.63	7.83	6.58	7.76	8.16	9.35	9.73	10.93	12.12	12.50	13.70	14.08
4	7.44	8.64	7.39	8.59	8.97	10.16	10.55	11.74	12.93	13.32	14.51	14.89
5	8.26	9.45	8.21	9.40	9.78	10.98	11.36	12.55	13.75	14.13	15.32	15.70
6	9.07	10.26	9.02	10.21	10.60	11.79	12.17	13.37	14.56	14.94	16.13	16.52
7	9.88	11.08	9.83	11.03	11.41	12.60	12.98	14.18	15.37	15.75	16.95	17.33
8	10.69	11.89	10.65	11.84	12.22	13.41	13.80	14.99	16.18	16.57	17.76	18.14
9	11.51	12.70	11.46	12.65	13.03	14.23	14.61	15.80	17.00	17.38	18.57	18.96
10	12.32	13.51	12.27	13.46	13.85	15.04	15.42	16.62	17.81	18.19	19.39	19.77
11	13.13	14.33	13.08	14.28	14.66	15.85	16.23	17.43	18.62	19.00	20.20	20.58
12	13.95	15.14	13.90	15.09	15.47	16.67	17.05	18.24	19.44	19.82	21.01	21.39
13	14.76	15.95	14.71	15.90	16.28	17.48	17.86	19.05	20.25	20.63	21.82	22.21
14	15.57	16.77	15.52	16.72	17.10	18.29	18.67	19.87	21.06	21.44	22.64	23.02
15	16.38	17.58	16.33	17.53	17.91	19.10	19.49	20.68	21.87	22.26	23.45	23.83
16	17.20	18.39	17.15	18.34	18.72	19.92	20.30	21.49	22.69	23.07	0.26	0.64
17	18.01	19.20	17.96	19.15	19.54	20.73	21.11	22.31	23.50	23.88	1.08	1.46
18	18.82	20.02	18.77	19.97	20.35	21.54	21.92	23.12	0.31	0.69	1.89	2.27
19	19.63	20.83	19.58	20.78	21.16	22.35	22.74	23.93	1.12	1.51	2.70	3.08
20	20.45	21.64	20.40	21.59	21.97	23.17	23.55	0.74	1.94	2.32	3.51	3.89
21	21.26	22.45	21.21	22.40	22.79	23.98	0.36	1.56	2.75	3.13	4.33	4.71
22	22.07	23.27	22.02	23.22	23.60	0.79	1.17	2.37	3.56	3.94	5.14	5.52
23	22.89	0.08	22.84	0.03	0.41	1.61	1.99	3.18	4.38	4.76	5.95	6.33
24	23.70	0.89	23.65	0.84	1.22	2.42	2.80	3.99	5.19	5.57	6.76	7.15
25	0.51	1.70	0.46	1.66	2.04	3.23	3.61	4.81	6.00	6.38	7.58	7.96
26	1.32	2.52	1.27	2.47	2.85	4.04	4.43	5.62	6.81	7.20	8.39	8.77
27	2.14	3.33	2.09	3.28	3.66	4.86	5.24	6.43	7.63	8.01	9.20	9.58
28	2.95	4.14	2.90	4.09	4.48	5.67	6.05	7.25	8.44	8.82	10.01	10.40
29	3.76		3.71	4.91	5.29	6.48	6.86	8.06	9.25	9.63	10.83	11.21
30	4.57		4.53	5.72	6.10	7.29	7.68	8.87	10.06	10.45	11.64	12.02
31	5.39		5.34		6.91		8.49	9.68		11.26		12.03

TABLE 1 (CONTINUED) LUNAR PHASE MU

YEAR 2040

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	13.65	14.64	14.41	15.60	15.99	17.18	17.56	18.76	19.95	20.33	21.53	21.91
2	14.46	15.65	15.22	16.42	16.80	17.99	18.37	19.57	20.76	21.14	22.34	22.72
3	15.27	16.47	16.04	17.23	17.61	18.81	19.19	20.38	21.56	21.94	23.15	23.53
4	16.09	17.28	16.85	18.04	18.42	19.62	20.00	21.19	22.38	22.77	23.96	0.35
5	16.90	18.09	17.66	18.86	19.24	20.43	20.81	22.01	23.20	23.58	0.78	1.16
6	17.71	18.91	18.47	19.67	20.05	21.24	21.63	22.82	0.01	0.40	1.59	1.97
7	18.52	19.72	19.29	20.48	20.86	22.06	22.44	23.63	0.63	1.21	2.40	2.78
8	19.34	20.53	20.10	21.29	21.66	22.87	23.25	0.44	1.64	2.02	3.21	3.60
9	20.15	21.34	20.91	22.11	22.49	23.68	0.08	1.28	2.45	2.83	4.03	4.41
10	20.96	22.16	21.72	22.92	23.30	0.49	0.68	2.07	3.26	3.65	4.84	5.22
11	21.77	22.97	22.54	23.73	0.11	1.31	1.69	2.88	4.06	4.46	5.65	6.03
12	22.59	23.78	23.35	0.54	0.93	2.12	2.50	3.70	4.89	5.27	6.47	6.85
13	23.40	0.59	0.16	1.36	1.74	2.93	3.31	4.51	5.70	6.08	7.28	7.66
14	0.21	1.41	0.98	2.17	2.55	3.75	4.13	5.32	6.52	6.90	8.09	8.47
15	1.03	2.22	1.79	2.98	3.36	4.56	4.94	6.13	7.33	7.71	8.90	9.29
16	1.84	3.03	2.60	3.80	4.18	5.37	5.75	6.95	8.14	8.52	9.72	10.10
17	2.65	3.84	3.41	4.61	4.99	6.18	6.56	7.76	8.95	9.34	10.53	10.91
18	3.46	4.66	4.23	5.42	5.80	7.00	7.38	8.57	9.77	10.15	11.34	11.72
19	4.28	5.47	5.04	6.23	6.61	7.81	8.19	9.39	10.58	10.96	12.15	12.54
20	5.09	6.28	5.85	7.05	7.43	8.62	9.00	10.20	11.39	11.77	12.97	13.35
21	5.90	7.10	6.66	7.86	8.24	9.43	9.82	11.01	12.20	12.59	13.78	14.16
22	6.71	7.91	7.48	8.67	9.05	10.25	10.63	11.82	13.02	13.40	14.59	14.97
23	7.53	8.72	8.29	9.48	9.87	11.06	11.44	12.64	13.83	14.21	15.41	15.79
24	8.34	9.53	9.10	10.30	10.68	11.87	12.25	13.45	14.64	15.02	16.22	16.60
25	9.15	10.35	9.92	11.11	11.49	12.69	13.07	14.26	15.46	15.84	17.03	17.41
26	9.97	11.16	10.73	11.92	12.30	13.50	13.88	15.07	16.27	16.65	17.84	18.23
27	10.78	11.97	11.54	12.74	13.12	14.31	14.69	15.89	17.08	17.46	18.66	19.04
28	11.59	12.78	12.35	13.55	13.93	15.12	15.51	16.70	17.89	18.27	19.47	19.85
29	12.40	13.60	13.17	14.36	14.74	15.94	16.32	17.51	18.71	19.09	20.28	20.66
30	13.22		13.98	15.17	15.55	16.75	17.13	18.32	19.52	19.90	21.09	21.48
31	14.03		14.79		16.37		17.94	19.14		20.71		22.29

TABLE 1 (CONTINUED) LUNAR PHASE MU

YEAR 2041

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	23.10	0.30	23.05	0.25	0.63	1.82	2.20	3.40	4.59	4.97	6.17	6.55
2	23.91	1.11	23.86	1.06	1.44	2.63	3.02	4.21	5.40	5.79	6.98	7.36
3	0.73	1.92	0.68	1.87	2.25	3.45	3.83	5.02	6.22	6.60	7.79	8.17
4	1.54	2.73	1.49	2.68	3.07	4.26	4.64	5.84	7.03	7.41	8.61	8.99
5	2.35	3.55	2.30	3.50	3.88	5.07	5.45	6.65	7.84	8.22	9.42	9.80
6	3.17	4.36	3.12	4.31	4.69	5.89	6.27	7.46	8.66	9.04	10.23	10.61
7	3.98	5.17	3.93	5.12	5.50	6.70	7.08	8.27	9.47	9.85	11.04	11.43
8	4.79	5.98	4.74	5.94	6.32	7.51	7.89	9.09	10.28	10.66	11.86	12.24
9	5.60	6.80	5.55	6.75	7.13	8.32	8.71	9.90	11.09	11.47	12.67	13.05
10	6.42	7.61	6.37	7.56	7.94	9.14	9.52	10.71	11.91	12.29	13.48	13.86
11	7.23	8.42	7.18	8.37	8.75	9.95	10.33	11.52	12.72	13.10	14.29	14.68
12	8.04	9.24	7.99	9.19	9.57	10.76	11.14	12.34	13.53	13.91	15.11	15.49
13	8.85	10.05	8.80	10.00	10.38	11.57	11.96	13.15	14.34	14.73	15.92	16.30
14	9.67	10.86	9.62	10.81	11.19	12.39	12.77	13.96	15.16	15.54	16.73	17.11
15	10.48	11.67	10.43	11.62	12.01	13.20	13.58	14.78	15.97	16.35	17.55	17.93
16	11.29	12.49	11.24	12.44	12.82	14.01	14.39	15.59	16.78	17.16	18.36	18.74
17	12.11	13.30	12.06	13.25	13.63	14.83	15.21	16.40	17.60	17.98	19.17	19.55
18	12.92	14.11	12.87	14.06	14.44	15.64	16.02	17.21	18.41	18.79	19.98	20.37
19	13.73	14.92	13.68	14.87	15.26	16.45	16.83	18.03	19.22	19.60	20.80	21.18
20	14.54	15.74	14.49	15.69	16.07	17.26	17.64	18.84	20.03	20.42	21.61	21.99
21	15.35	16.55	15.31	16.50	16.88	18.08	18.46	19.65	20.85	21.23	22.42	22.80
22	16.17	17.36	16.12	17.31	17.69	18.89	19.27	20.46	21.66	22.04	23.23	23.62
23	16.98	18.18	16.93	18.13	18.51	19.70	20.08	21.28	22.47	22.85	0.05	0.43
24	17.79	18.99	17.74	18.94	19.32	20.51	20.90	22.09	23.28	23.67	0.86	1.24
25	18.61	19.80	18.56	19.75	20.13	21.33	21.71	22.90	0.10	0.48	1.67	2.05
26	19.42	20.61	19.37	20.56	20.95	22.14	22.52	23.72	0.91	1.29	2.49	2.87
27	20.23	21.43	20.18	21.38	21.76	22.95	23.33	0.53	1.72	2.10	3.30	3.68
28	21.04	22.24	20.99	22.19	22.57	23.77	0.15	1.34	2.54	2.92	4.11	4.49
29	21.86		21.81	23.00	23.38	0.58	0.96	2.15	3.35	3.73	4.92	5.30
30	22.67		22.62	23.82	0.20	1.39	1.77	2.97	4.16	4.54	5.74	6.12
31	23.48		23.43		1.01		2.58	3.78		5.35		6.93

TABLE 1 (CONTINUED) LUNAR PHASE MU

YEAR 2042

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	7.74	8.94	7.08	8.89	9.27	10.46	10.85	12.04	13.23	13.61	14.81	15.19
2	8.96	9.75	8.51	9.70	10.08	11.28	11.66	12.85	14.05	14.43	15.62	16.00
3	9.37	10.36	9.32	10.51	10.89	12.09	12.47	13.66	14.86	15.24	16.43	16.82
4	10.18	11.38	10.13	11.33	11.71	12.90	13.28	14.48	15.67	16.05	17.25	17.63
5	10.99	12.19	10.94	12.14	12.52	13.71	14.10	15.29	16.48	16.87	18.06	18.44
6	11.81	13.00	11.76	12.95	13.33	14.53	14.91	16.10	17.30	17.68	18.87	19.25
7	12.62	13.81	12.57	13.76	14.15	15.34	15.72	16.92	18.11	18.49	19.68	20.07
8	13.43	14.63	13.38	14.58	14.96	16.15	16.53	17.73	18.92	19.30	20.50	20.88
9	14.25	15.44	14.20	15.39	15.77	16.97	17.35	18.54	19.73	20.12	21.31	21.69
10	15.06	16.25	15.01	16.20	16.58	17.78	18.16	19.35	20.55	20.93	22.12	22.51
11	15.87	17.06	15.82	17.01	17.40	18.59	18.97	20.17	21.36	21.74	22.94	23.32
12	16.68	17.88	16.63	17.83	18.21	19.40	19.78	20.98	22.17	22.55	23.75	0.13
13	17.50	18.68	17.45	18.64	19.02	20.22	20.60	21.79	22.99	23.37	0.96	0.94
14	18.31	19.50	18.26	19.45	19.83	21.03	21.41	22.60	23.80	0.18	1.37	1.76
15	19.12	20.32	19.07	20.27	20.65	21.84	22.22	23.42	0.61	0.99	2.19	2.57
16	19.93	21.13	19.88	21.08	21.46	22.65	23.04	0.23	1.42	1.81	3.00	3.38
17	20.75	21.94	20.70	21.89	22.27	23.47	23.85	1.04	2.24	2.62	3.81	4.19
18	21.56	22.75	21.51	22.70	23.09	0.28	0.66	1.86	3.05	3.43	4.63	5.01
19	22.37	23.57	22.32	23.52	23.90	1.09	1.47	2.67	3.86	4.24	5.44	5.82
20	23.18	0.38	23.14	0.33	0.71	1.90	2.29	3.48	4.68	5.06	6.25	6.63
21	24.00	1.19	23.95	1.14	1.52	2.72	3.10	4.29	5.49	5.87	7.06	7.44
22	0.81	2.00	0.76	1.95	2.34	3.53	3.91	5.11	6.30	6.68	7.88	8.26
23	1.82	2.82	1.57	2.77	3.15	4.34	4.72	5.92	7.11	7.49	8.68	9.07
24	2.44	3.63	2.39	3.58	3.96	5.16	5.54	6.73	7.93	8.31	9.50	9.88
25	3.25	4.44	3.20	4.39	4.77	5.97	6.35	7.54	8.74	9.12	10.31	10.70
26	4.06	5.26	4.01	5.21	5.59	6.78	7.16	8.36	9.55	9.93	11.13	11.51
27	4.87	6.07	4.82	6.02	6.40	7.59	7.98	9.17	10.36	10.75	11.94	12.32
28	5.69	6.88	5.64	6.83	7.21	8.41	8.79	9.98	11.18	11.56	12.75	13.13
29	6.50		6.45	7.64	8.03	9.22	9.60	10.80	11.99	12.37	13.57	13.95
30	7.31		7.26	8.46	8.84	10.03	10.41	11.61	12.80	13.18	14.38	14.76
31	8.12		8.07		9.65		11.23	12.42		14.00		15.57

TABLE 1 (CONTINUED) LUNAR PHASE MU

YEAR 2043

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	16.38	17.58	16.33	17.53	17.91	19.11	19.49	20.68	21.87	22.26	23.45	23.83
2	17.20	18.39	17.15	18.34	18.72	19.92	20.30	21.49	22.69	23.07	0.26	0.64
3	18.01	19.20	17.96	19.15	19.54	20.73	21.11	22.31	23.50	23.88	1.08	1.46
4	18.82	20.02	18.77	19.97	20.35	21.54	21.92	23.12	0.31	0.69	1.89	2.27
5	19.64	20.83	19.59	20.78	21.16	22.36	22.74	23.93	1.13	1.51	2.70	3.08
6	20.45	21.64	20.40	21.59	21.97	23.17	23.55	0.74	1.94	2.32	3.51	3.90
7	21.26	22.46	21.21	22.41	22.79	23.98	0.36	1.56	2.75	3.13	4.33	4.71
8	22.07	23.27	22.02	23.22	23.60	0.79	1.18	2.37	3.56	3.95	5.14	5.52
9	22.89	0.08	22.84	0.03	0.41	1.61	1.99	3.18	4.38	4.76	5.95	6.33
10	23.70	0.89	23.65	0.84	1.23	2.42	2.80	4.00	5.19	5.57	6.76	7.15
11	0.51	1.71	0.46	1.66	2.04	3.23	3.61	4.81	6.00	6.38	7.58	7.96
12	1.32	2.52	1.28	2.47	2.85	4.04	4.43	5.62	6.81	7.20	8.39	8.77
13	2.14	3.33	2.09	3.28	3.66	4.86	5.24	6.43	7.63	8.01	9.20	9.58
14	2.95	4.14	2.90	4.09	4.48	5.67	6.05	7.25	8.44	8.82	10.02	10.40
15	3.76	4.96	3.71	4.91	5.29	6.48	6.86	8.06	9.25	9.63	10.83	11.21
16	4.58	5.77	4.53	5.72	6.10	7.30	7.68	8.87	10.07	10.45	11.64	12.02
17	5.39	6.58	5.34	6.53	6.91	8.11	8.49	9.68	10.88	11.26	12.45	12.84
18	6.20	7.40	6.15	7.35	7.73	8.92	9.30	10.50	11.69	12.07	13.27	13.65
19	7.01	8.21	6.96	8.16	8.54	9.73	10.12	11.31	12.50	12.89	14.08	14.46
20	7.83	9.02	7.78	8.97	9.35	10.55	10.93	12.12	13.32	13.70	14.89	15.27
21	8.64	9.83	8.59	9.78	10.16	11.36	11.74	12.94	14.13	14.51	15.71	16.09
22	9.45	10.65	9.40	10.60	10.98	12.17	12.55	13.75	14.94	15.32	16.52	16.90
23	10.26	11.46	10.21	11.41	11.79	12.98	13.37	14.56	15.75	16.14	17.33	17.71
24	11.08	12.27	11.03	12.22	12.60	13.80	14.18	15.37	16.57	16.95	18.14	18.52
25	11.89	13.08	11.84	13.03	13.42	14.61	14.99	16.19	17.38	17.76	18.96	19.34
26	12.70	13.90	12.65	13.85	14.23	15.42	15.80	17.00	18.19	18.57	19.77	20.15
27	13.52	14.71	13.47	14.66	15.04	16.24	16.62	17.81	19.01	19.39	20.58	20.96
28	14.33	15.52	14.28	15.47	15.85	17.05	17.43	18.62	19.82	20.20	21.39	21.78
29	15.14		15.09	16.29	16.67	17.86	18.24	19.44	20.63	21.01	22.21	22.59
30	15.95		15.90	17.10	17.48	18.67	19.06	20.25	21.44	21.83	23.02	23.40
31	16.77		16.72		18.29		19.87	21.06		22.64		0.21

TABLE 1 (CONTINUED) LUNAR PHASE MU

YEAR 2044

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	1.03	2.22	1.79	2.98	3.37	4.56	4.94	6.14	7.33	7.71	8.90	9.29
2	1.84	3.03	2.60	3.80	4.18	5.37	5.75	6.95	8.14	8.52	9.72	10.10
3	2.65	3.85	3.41	4.61	4.99	6.18	6.57	7.76	8.95	9.34	10.53	10.91
4	3.46	4.66	4.23	5.42	5.80	7.00	7.38	8.57	9.77	10.15	11.34	11.72
5	4.28	5.47	5.04	6.23	6.62	7.81	8.19	9.39	10.58	10.96	12.16	12.54
6	5.09	6.28	5.85	7.05	7.43	8.62	9.00	10.20	11.39	11.77	12.97	13.35
7	5.90	7.10	6.67	7.86	8.24	9.44	9.82	11.01	12.21	12.59	13.78	14.16
8	6.72	7.91	7.48	8.67	9.05	10.25	10.63	11.82	13.02	13.40	14.59	14.98
9	7.53	8.72	8.29	9.49	9.87	11.06	11.44	12.64	13.83	14.21	15.41	15.79
10	8.34	9.54	9.10	10.30	10.68	11.87	12.26	13.45	14.64	15.02	16.22	16.60
11	9.15	10.35	9.92	11.11	11.49	12.69	13.07	14.26	15.46	15.84	17.03	17.41
12	9.97	11.16	10.73	11.92	12.30	13.50	13.88	15.07	16.27	16.65	17.84	18.23
13	10.78	11.97	11.54	12.74	13.12	14.31	14.69	15.89	17.08	17.46	18.66	19.04
14	11.59	12.79	12.35	13.55	13.93	15.12	15.51	16.70	17.89	18.28	19.47	19.85
15	12.40	13.60	13.17	14.36	14.74	15.94	16.32	17.51	18.71	19.09	20.28	20.66
16	13.22	14.41	13.98	15.17	15.56	16.75	17.13	18.33	19.52	19.90	21.10	21.48
17	14.03	15.22	14.79	15.99	16.37	17.56	17.94	19.14	20.33	20.71	21.91	22.29
18	14.84	16.04	15.61	16.80	17.18	18.38	18.76	19.95	21.15	21.53	22.72	23.10
19	15.66	16.85	16.42	17.61	17.99	19.19	19.57	20.76	21.96	22.34	23.53	23.92
20	16.47	17.66	17.23	18.43	18.81	20.00	20.38	21.58	22.77	23.15	0.35	0.73
21	17.28	18.47	18.04	19.24	19.62	20.81	21.19	22.39	23.58	23.97	1.16	1.54
22	18.09	19.29	18.86	20.05	20.43	21.63	22.01	23.20	0.40	0.78	1.97	2.35
23	18.91	20.10	19.67	20.86	21.24	22.44	22.82	0.01	1.21	1.59	2.78	3.17
24	19.72	20.91	20.48	21.68	22.06	23.25	23.63	0.83	2.02	2.40	3.60	3.98
25	20.53	21.73	21.29	22.49	22.87	0.06	0.45	1.64	2.83	3.22	4.41	4.79
26	21.34	22.54	22.11	23.30	23.68	0.88	1.26	2.45	3.65	4.03	5.22	5.60
27	22.16	23.35	22.92	0.11	0.50	1.69	2.07	3.27	4.46	4.84	6.04	6.42
28	22.97	0.16	23.73	0.93	1.31	2.50	2.88	4.08	5.27	5.65	6.85	7.23
29	23.78	0.98	0.55	1.74	2.12	3.32	3.70	4.89	6.09	6.47	7.66	8.04
30	0.59		1.36	2.55	2.93	4.13	4.51	5.70	6.90	7.28	8.47	8.86
31	1.41		2.17		3.75		5.32	6.52		8.09		9.67

TABLE 1 (CONTINUED) LUNAR PHASE MU

YEAR 2045

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	10.48	11.67	10.43	11.62	12.01	13.20	13.58	14.78	15.97	16.35	17.55	17.93
2	11.29	12.49	11.24	12.44	12.82	14.01	14.40	15.59	16.78	17.17	18.36	18.74
3	12.11	13.30	12.06	13.25	13.63	14.83	15.21	16.40	17.60	17.98	19.17	19.55
4	12.92	14.11	12.87	14.06	14.45	15.64	16.02	17.21	18.41	18.79	19.98	20.37
5	13.73	14.93	13.68	14.88	15.26	16.45	16.83	18.03	19.22	19.60	20.80	21.18
6	14.54	15.74	14.49	15.69	16.07	17.26	17.65	18.84	20.03	20.42	21.61	21.99
7	15.36	16.55	15.31	16.50	16.88	18.08	18.46	19.65	20.85	21.23	22.42	22.80
8	16.17	17.36	16.12	17.31	17.70	18.89	19.27	20.47	21.66	22.04	23.24	23.62
9	16.98	18.18	16.93	18.13	18.51	19.70	20.08	21.28	22.47	22.85	0.05	0.43
10	17.80	18.99	17.75	18.94	19.32	20.52	20.90	22.09	23.29	23.67	0.86	1.24
11	18.61	19.80	18.56	19.75	20.13	21.33	21.71	22.90	0.10	0.48	1.67	2.05
12	19.42	20.61	19.37	20.57	20.95	22.14	22.52	23.72	0.91	1.29	2.49	2.87
13	20.23	21.43	20.18	21.38	21.76	22.95	23.33	0.53	1.72	2.10	3.30	3.68
14	21.05	22.24	21.00	22.19	22.57	23.77	0.15	1.34	2.54	2.92	4.11	4.49
15	21.86	23.05	21.81	23.00	23.38	0.58	0.96	2.15	3.35	3.73	4.92	5.31
16	22.67	23.87	22.62	23.62	0.20	1.39	1.77	2.97	4.16	4.54	5.74	6.12
17	23.48	0.68	23.43	0.63	1.01	2.20	2.59	3.78	4.97	5.36	6.55	6.93
18	0.30	1.49	0.25	1.44	1.82	3.02	3.40	4.59	5.79	6.17	7.36	7.74
19	1.11	2.30	1.06	2.25	2.64	3.83	4.21	5.41	6.60	6.98	8.18	8.56
20	1.92	3.12	1.87	3.07	3.45	4.64	5.02	6.22	7.41	7.79	8.99	9.37
21	2.73	3.93	2.69	3.88	4.26	5.45	5.84	7.03	8.23	8.61	9.80	10.18
22	3.55	4.74	3.50	4.69	5.07	6.27	6.65	7.84	9.04	9.42	10.61	11.00
23	4.36	5.55	4.31	5.50	5.89	7.08	7.46	8.66	9.85	10.23	11.43	11.81
24	5.17	6.37	5.12	6.32	6.70	7.89	8.27	9.47	10.66	11.04	12.24	12.62
25	5.99	7.18	5.94	7.13	7.51	8.71	9.09	10.28	11.48	11.86	13.05	13.43
26	6.80	7.99	6.75	7.94	8.32	9.52	9.90	11.09	12.29	12.67	13.86	14.25
27	7.61	8.81	7.56	8.76	9.14	10.33	10.71	11.91	13.10	13.48	14.68	15.06
28	8.42	9.62	8.37	9.57	9.95	11.14	11.53	12.72	13.91	14.30	15.49	15.87
29	9.24		9.19	10.38	10.76	11.96	12.34	13.53	14.73	15.11	16.30	16.68
30	10.05		10.00	11.19	11.58	12.77	13.15	14.35	15.54	15.92	17.12	17.50
31	10.86		10.81		12.39		13.96	15.16		16.73		18.31

TABLE 1 (CONTINUED) LUNAR PHASE NU

YEAR 2046

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	19.12	20.32	19.07	20.27	20.65	21.84	22.22	23.42	0.61	0.99	2.19	2.57
2	19.93	21.13	19.89	21.08	21.46	22.66	23.04	0.23	1.43	1.81	3.00	3.38
3	20.75	21.94	20.70	21.89	22.27	23.47	23.85	1.04	2.24	2.62	3.81	4.19
4	21.56	22.75	21.51	22.70	23.09	0.28	0.66	1.86	3.05	3.43	4.63	5.01
5	22.37	23.57	22.32	23.52	23.90	1.09	1.47	2.67	3.86	4.24	5.44	5.82
6	23.19	0.38	23.14	0.33	0.71	1.91	2.29	3.48	4.68	5.06	6.25	6.63
7	24.00	1.19	23.95	1.14	1.52	2.72	3.10	4.29	5.49	5.87	7.06	7.45
8	0.81	2.01	0.76	1.96	2.34	3.53	3.91	5.11	6.30	6.68	7.88	8.26
9	1.62	2.82	1.57	2.77	3.15	4.34	4.73	5.92	7.11	7.50	8.69	9.07
10	2.44	3.63	2.39	3.58	3.96	5.16	5.54	6.73	7.93	8.31	9.50	9.88
11	3.25	4.44	3.20	4.39	4.78	5.97	6.35	7.55	8.74	9.12	10.32	10.70
12	4.06	5.26	4.01	5.21	5.59	6.78	7.16	8.36	9.55	9.93	11.13	11.51
13	4.88	6.07	4.83	6.02	6.40	7.60	7.98	9.17	10.36	10.75	11.94	12.32
14	5.69	6.88	5.64	6.83	7.21	8.41	8.79	9.98	11.18	11.56	12.75	13.13
15	6.50	7.69	6.45	7.64	8.03	9.22	9.60	10.80	11.99	12.37	13.57	13.95
16	7.31	8.51	7.26	8.46	8.84	10.03	10.41	11.61	12.80	13.18	14.38	14.76
17	8.13	9.32	8.08	9.27	9.65	10.85	11.23	12.42	13.62	14.00	15.19	15.57
18	8.94	10.13	8.89	10.08	10.46	11.66	12.04	13.23	14.43	14.81	16.00	16.38
19	9.75	10.95	9.70	10.90	11.28	12.47	12.85	14.05	15.24	15.62	16.82	17.20
20	10.56	11.76	10.51	11.71	12.09	13.28	13.67	14.86	16.05	16.44	17.63	18.01
21	11.38	12.57	11.33	12.52	12.90	14.10	14.48	15.67	16.87	17.25	18.44	18.82
22	12.19	13.38	12.14	13.33	13.72	14.91	15.29	16.48	17.68	18.06	19.26	19.64
23	13.00	14.20	12.95	14.15	14.53	15.72	16.10	17.30	18.49	18.87	20.07	20.45
24	13.81	15.01	13.76	14.96	15.34	16.53	16.92	18.11	19.31	19.69	20.89	21.27
25	14.63	15.82	14.58	15.77	16.15	17.35	17.73	18.92	20.12	20.50	21.70	22.07
26	15.44	16.63	15.39	16.58	16.97	18.16	18.54	19.74	20.93	21.31	22.51	22.89
27	16.25	17.45	16.20	17.40	17.78	18.97	19.35	20.55	21.74	22.12	23.32	23.70
28	17.07	18.26	17.02	18.21	18.59	19.79	20.17	21.36	22.56	22.94	0.13	0.51
29	17.88		17.83	19.02	19.40	20.60	20.98	22.17	23.37	23.75	0.94	1.33
30	18.69		18.64	19.84	20.22	21.41	21.79	22.99	0.18	0.56	1.76	2.14
31	19.50		19.45		21.03		22.61	23.80		1.38		2.95

TABLE 1 (CONTINUED) LUNAR PHASE NU

YEAR 2047

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	3.76	4.96	3.71	4.91	5.29	6.48	6.87	8.06	9.25	9.64	10.83	11.21
2	4.56	5.77	4.53	5.72	6.10	7.30	7.68	8.87	10.07	10.45	11.64	12.02
3	5.39	6.58	5.34	6.53	6.91	8.11	8.49	9.69	10.88	11.26	12.46	12.84
4	6.20	7.40	6.15	7.35	7.73	8.92	9.30	10.50	11.69	12.07	13.27	13.65
5	7.01	8.21	6.96	8.16	8.54	9.74	10.12	11.31	12.50	12.89	14.08	14.46
6	7.83	9.02	7.78	8.97	9.35	10.55	10.93	12.12	13.32	13.70	14.89	15.27
7	8.64	9.83	8.59	9.78	10.17	11.36	11.74	12.94	14.13	14.51	15.71	16.09
8	9.45	10.65	9.40	10.60	10.98	12.17	12.55	13.75	14.94	15.32	16.52	16.90
9	10.27	11.46	10.22	11.41	11.79	12.99	13.37	14.56	15.76	16.14	17.33	17.71
10	11.08	12.27	11.03	12.22	12.60	13.80	14.18	15.37	16.57	16.95	18.14	18.53
11	11.89	13.09	11.84	13.04	13.42	14.61	14.99	16.19	17.38	17.76	18.96	19.34
12	12.70	13.90	12.65	13.85	14.23	15.42	15.81	17.00	18.19	18.58	19.77	20.15
13	13.52	14.71	13.47	14.66	15.04	16.24	16.62	17.81	19.01	19.39	20.58	20.96
14	14.33	15.52	14.28	15.47	15.85	17.05	17.43	18.62	19.82	20.20	21.39	21.78
15	15.14	16.34	15.09	16.29	16.67	17.86	18.24	19.44	20.63	21.01	22.21	22.59
16	15.95	17.15	15.90	17.10	17.48	18.67	19.06	20.25	21.44	21.83	23.02	23.40
17	16.77	17.96	16.72	17.91	18.29	19.49	19.87	21.06	22.26	22.64	23.83	0.21
18	17.58	18.77	17.53	18.72	19.11	20.30	20.68	21.88	23.07	23.45	0.63	1.03
19	18.39	19.59	18.34	19.54	19.92	21.11	21.49	22.69	23.88	0.26	1.46	1.84
20	19.21	20.40	19.16	20.35	20.73	21.93	22.31	23.50	0.70	1.08	2.27	2.65
21	20.02	21.21	19.97	21.16	21.54	22.74	23.12	0.31	1.51	1.89	3.08	3.47
22	20.83	22.03	20.78	21.98	22.36	23.55	23.93	1.13	2.32	2.70	3.90	4.28
23	21.64	22.84	21.59	22.79	23.17	0.36	0.75	1.94	3.13	3.52	4.71	5.09
24	22.46	23.65	22.41	23.60	23.98	1.18	1.56	2.75	3.95	4.33	5.52	5.90
25	23.27	0.46	23.22	0.41	0.79	1.99	2.37	3.56	4.76	5.14	6.33	6.72
26	0.08	1.28	0.03	1.23	1.61	2.80	3.18	4.38	5.57	5.95	7.15	7.53
27	0.89	2.09	0.84	2.04	2.42	3.61	4.00	5.19	6.38	6.77	7.96	8.34
28	1.71	2.90	1.66	2.85	3.23	4.43	4.81	6.00	7.20	7.58	8.77	9.15
29	2.52		2.47	3.66	4.05	5.24	5.62	6.82	8.01	8.39	9.59	9.97
30	3.33		3.28	4.48	4.86	6.05	6.43	7.63	8.82	9.20	10.40	10.78
31	4.15		4.10		5.67		7.25	8.44		10.02		11.59

TABLE 1 (CONTINUED) LUNAR PHASE NU

YEAR 2048

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	12.41	13.80	14.17	14.36	14.74	15.94	16.32	17.51	18.71	19.09	20.28	20.67
2	13.22	14.41	13.98	15.18	15.56	16.75	17.13	18.33	19.52	19.90	21.10	21.48
3	14.03	15.22	14.79	15.99	16.37	17.56	17.95	19.14	20.33	20.72	21.91	22.29
4	14.84	16.04	15.61	16.80	17.18	18.38	18.76	19.95	21.15	21.53	22.72	23.10
5	15.66	16.85	16.42	17.61	17.99	19.19	19.57	20.76	21.96	22.34	23.53	23.92
6	16.47	17.66	17.23	18.43	18.81	20.00	20.38	21.58	22.77	23.15	0.35	0.73
7	17.28	18.48	18.04	19.24	19.62	20.81	21.20	22.39	23.58	23.97	1.16	1.54
8	18.09	19.29	18.86	20.05	20.43	21.63	22.01	23.20	0.40	0.78	1.97	2.35
9	18.91	20.10	19.67	20.86	21.25	22.44	22.82	0.02	1.21	1.59	2.79	3.17
10	19.72	20.91	20.48	21.68	22.06	23.25	23.63	0.83	2.02	2.40	3.60	3.98
11	20.53	21.73	21.30	22.49	22.87	0.07	0.45	1.64	2.84	3.22	4.41	4.79
12	21.34	22.54	22.11	23.30	23.68	0.88	1.26	2.45	3.65	4.03	5.22	5.61
13	22.16	23.35	22.92	0.12	0.50	1.69	2.07	3.27	4.46	4.84	6.04	6.42
14	22.97	0.17	23.73	0.93	1.31	2.50	2.89	4.08	5.27	5.65	6.85	7.23
15	23.78	0.98	0.55	1.74	2.12	3.32	3.70	4.89	6.09	6.47	7.66	8.04
16	0.80	1.79	1.36	2.55	2.93	4.13	4.51	5.70	6.90	7.28	8.47	8.85
17	1.41	2.60	2.17	3.37	3.75	4.94	5.32	6.52	7.71	8.09	9.29	9.67
18	2.22	3.42	2.98	4.18	4.56	5.75	6.14	7.33	8.52	8.91	10.10	10.48
19	3.03	4.23	3.80	4.99	5.37	6.57	6.95	8.14	9.34	9.72	10.91	11.29
20	3.85	5.04	4.61	5.80	6.19	7.38	7.76	8.96	10.15	10.53	11.73	12.11
21	4.66	5.85	5.42	6.62	7.00	8.19	8.57	9.77	10.96	11.34	12.54	12.92
22	5.47	6.67	6.24	7.43	7.81	9.01	9.39	10.58	11.78	12.16	13.35	13.73
23	6.29	7.48	7.05	8.24	8.62	9.82	10.20	11.39	12.59	12.97	14.16	14.55
24	7.10	8.29	7.86	9.05	9.44	10.63	11.01	12.21	13.40	13.78	14.98	15.36
25	7.91	9.10	8.67	9.87	10.25	11.44	11.82	13.02	14.21	14.60	15.79	16.17
26	8.72	9.92	9.49	10.68	11.06	12.26	12.64	13.83	15.03	15.41	16.60	16.98
27	9.54	10.73	10.30	11.49	11.87	13.07	13.45	14.64	15.84	16.22	17.41	17.80
28	10.35	11.54	11.11	12.31	12.69	13.88	14.26	15.46	16.65	17.03	18.23	18.61
29	11.16	12.36	11.92	13.12	13.50	14.69	15.08	16.27	17.46	17.85	19.04	19.42
30	11.97		12.74	13.93	14.31	15.51	15.89	17.08	18.28	18.66	19.85	20.23
31	12.79		13.55		15.13		16.70	17.90		19.47		21.05

TABLE 1 (CONTINUED) LUNAR PHASE NU

YEAR 2049

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	21.86	23.05	21.81	23.00	23.39	0.58	0.96	2.16	3.35	3.73	4.93	5.31
2	22.67	23.87	22.62	23.82	0.20	1.39	1.77	2.97	4.16	4.54	5.74	6.12
3	23.48	0.68	23.44	0.63	1.01	2.21	2.59	3.78	4.98	5.36	6.55	6.93
4	0.30	1.49	0.25	1.44	1.82	3.02	3.40	4.59	5.79	6.17	7.36	7.75
5	1.11	2.30	1.06	2.25	2.64	3.83	4.21	5.41	6.60	6.98	8.18	8.56
6	1.92	3.12	1.87	3.07	3.45	4.64	5.03	6.22	7.41	7.79	8.99	9.37
7	2.74	3.93	2.69	3.88	4.26	5.46	5.84	7.03	8.23	8.61	9.80	10.18
8	3.55	4.74	3.50	4.69	5.07	6.27	6.65	7.84	9.04	9.42	10.61	11.00
9	4.36	5.56	4.31	5.51	5.89	7.08	7.46	8.66	9.85	10.23	11.43	11.81
10	5.17	6.37	5.12	6.32	6.70	7.89	8.28	9.47	10.66	11.05	12.24	12.62
11	5.99	7.18	5.94	7.13	7.51	8.71	9.09	10.28	11.48	11.86	13.05	13.43
12	6.80	7.99	6.75	7.94	8.33	9.52	9.90	11.10	12.29	12.67	13.87	14.25
13	7.61	8.81	7.56	8.76	9.14	10.33	10.71	11.91	13.10	13.48	14.68	15.06
14	8.42	9.62	8.38	9.57	9.95	11.15	11.53	12.72	13.92	14.30	15.49	15.87
15	9.24	10.43	9.19	10.38	10.76	11.96	12.34	13.53	14.73	15.11	16.30	16.68
16	10.05	11.24	10.00	11.19	11.58	12.77	13.15	14.35	15.54	15.92	17.12	17.50
17	10.86	12.06	10.81	12.01	12.39	13.58	13.96	15.16	16.35	16.73	17.93	18.31
18	11.68	12.87	11.63	12.82	13.20	14.40	14.78	15.97	17.17	17.55	18.74	19.12
19	12.49	13.68	12.44	13.63	14.01	15.21	15.59	16.78	17.98	18.36	19.55	19.94
20	13.30	14.50	13.25	14.45	14.83	16.02	16.40	17.60	18.79	19.17	20.37	20.75
21	14.11	15.31	14.06	15.26	15.64	16.83	17.22	18.41	19.60	19.99	21.18	21.56
22	14.93	16.12	14.88	16.07	16.45	17.65	18.03	19.22	20.42	20.80	21.99	22.37
23	15.74	16.93	15.69	16.88	17.27	18.46	18.84	20.04	21.23	21.61	22.81	23.19
24	16.55	17.75	16.50	17.70	18.08	19.27	19.65	20.85	22.04	22.42	23.62	24.00
25	17.36	18.56	17.32	18.51	18.89	20.08	20.47	21.66	22.86	23.24	0.43	0.81
26	18.18	19.37	18.13	19.32	19.70	20.90	21.28	22.47	23.67	0.05	1.24	1.63
27	18.99	20.18	18.94	20.13	20.52	21.71	22.09	23.29	0.48	0.86	2.06	2.44
28	19.80	21.00	19.75	20.95	21.33	22.52	22.90	0.10	1.29	1.67	2.87	3.25
29	20.62		20.57	21.76	22.14	23.34	23.72	0.91	2.11	2.49	3.68	4.06
30	21.43		21.38	22.57	22.95	0.15	0.53	1.72	2.92	3.30	4.49	4.88
31	22.24		22.19		23.77		1.34	2.54		4.11		5.49

TABLE 1 (CONTINUED) LUNAR PHASE MU

YEAR 2030

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	6.50	7.70	6.45	7.65	8.03	9.22	9.60	10.80	11.99	12.37	13.57	13.95
2	7.31	8.51	7.26	8.46	8.84	10.03	10.42	11.61	12.80	13.19	14.38	14.76
3	8.13	9.32	8.08	9.27	9.65	10.85	11.23	12.42	13.62	14.00	15.19	15.57
4	8.94	10.13	8.89	10.08	10.47	11.66	12.04	13.24	14.43	14.81	16.01	16.39
5	9.75	10.95	9.70	10.90	11.28	12.47	12.85	14.05	15.24	15.62	16.82	17.20
6	10.56	11.76	10.51	11.71	12.09	13.29	13.67	14.86	16.06	16.44	17.63	18.01
7	11.36	12.57	11.33	12.52	12.90	14.10	14.48	15.67	16.87	17.25	18.44	18.82
8	12.19	13.38	12.14	13.33	13.72	14.91	15.29	16.49	17.68	18.06	19.26	19.64
9	13.00	14.20	12.95	14.15	14.53	15.72	16.10	17.30	18.49	18.87	20.07	20.45
10	13.82	15.01	13.77	14.96	15.34	16.54	16.92	18.11	19.31	19.69	20.88	21.26
11	14.63	15.82	14.58	15.77	16.15	17.35	17.73	18.92	20.12	20.50	21.69	22.08
12	15.44	16.64	15.39	16.59	16.97	18.16	18.54	19.74	20.93	21.31	22.51	22.89
13	16.25	17.45	16.20	17.40	17.78	18.97	19.36	20.55	21.74	22.13	23.32	23.70
14	17.07	18.26	17.02	18.21	18.59	19.79	20.17	21.36	22.56	22.94	0.13	0.51
15	17.88	19.07	17.83	19.02	19.41	20.60	20.98	22.18	23.37	23.75	0.94	1.33
16	18.69	19.89	18.64	19.84	20.22	21.41	21.79	22.99	0.18	0.56	1.76	2.14
17	19.50	20.70	19.46	20.65	21.03	22.22	22.61	23.80	0.99	1.38	2.57	2.95
18	20.32	21.51	20.27	21.46	21.84	23.04	23.42	0.61	1.01	2.19	3.38	3.76
19	21.13	22.32	21.08	22.27	22.66	23.85	0.23	1.43	2.62	3.00	4.20	4.58
20	21.94	23.14	21.89	23.09	23.47	0.66	1.04	2.24	3.43	3.81	5.01	5.39
21	22.76	23.95	22.71	23.90	0.28	1.48	1.86	3.05	4.25	4.63	5.82	6.20
22	23.57	0.76	23.52	0.71	1.09	2.29	2.67	3.86	5.06	5.44	6.63	7.02
23	0.38	1.58	0.33	1.53	1.91	3.10	3.48	4.68	5.87	6.25	7.45	7.83
24	1.19	2.39	1.14	2.34	2.72	3.91	4.30	5.49	6.68	7.07	8.26	8.64
25	2.01	3.20	1.96	3.15	3.53	4.73	5.11	6.30	7.50	7.88	9.07	9.45
26	2.82	4.01	2.77	3.96	4.35	5.54	5.92	7.11	8.31	8.69	9.89	10.27
27	3.63	4.83	3.58	4.78	5.16	6.35	6.73	7.93	9.12	9.50	10.70	11.08
28	4.44	5.64	4.39	5.59	5.97	7.16	7.55	8.74	9.93	10.32	11.51	11.89
29	5.26		5.21	6.40	6.78	7.98	8.36	9.55	10.75	11.13	12.32	12.70
30	6.07		6.02	7.21	7.60	8.79	9.17	10.37	11.56	11.94	13.14	13.52
31	6.88		6.83		8.41		9.98	11.18		12.75		14.33

TABLE 2 LUNAR PHASE NU PRIME

YEAR 1890

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	2	4	2	4	4	5	5	7	8	8	9	10
2	3	4	3	4	5	6	6	7	9	9	10	11
3	4	5	4	5	6	7	7	8	9	10	11	11
4	5	6	5	6	6	8	8	9	10	11	0	0
5	6	7	6	7	7	8	9	10	11	11	1	1
6	6	8	6	8	8	9	10	11	0	0	1	2
7	7	8	7	8	9	10	10	0	1	1	2	3
8	8	9	8	9	10	11	11	0	2	2	3	4
9	9	10	9	10	10	0	0	1	2	3	4	4
10	10	11	10	11	11	0	1	2	3	4	5	5
11	10	0	10	0	0	1	2	3	4	4	6	6
12	11	0	11	0	1	2	2	4	5	5	6	7
13	0	1	0	1	2	3	3	4	6	6	7	8
14	1	2	1	2	2	4	4	5	6	7	8	8
15	2	3	2	3	3	4	5	6	7	8	9	9
16	3	4	3	4	4	5	6	7	8	8	10	10
17	3	5	3	5	5	6	6	8	9	9	10	11
18	4	5	4	5	6	7	7	8	10	10	11	0
19	5	6	5	6	7	8	8	9	10	11	0	0
20	6	7	6	7	7	9	9	10	11	0	1	1
21	7	8	7	8	8	9	10	11	0	0	2	2
22	7	9	7	9	9	10	11	0	1	1	2	3
23	8	9	8	9	10	11	11	1	2	2	3	4
24	9	10	9	10	11	0	0	1	3	3	4	5
25	10	11	10	11	11	1	1	2	3	4	5	5
26	11	0	11	0	0	1	2	3	4	5	6	6
27	11	1	11	1	1	2	3	4	5	5	7	7
28	0	2	0	1	2	3	3	5	6	6	7	8
29	1		1	2	3	4	4	5	7	7	8	9
30	2		2	3	3	5	5	6	7	8	9	9
31	3		3		4		6	7		9		10

TABLE 2 (CONTINUED) LUNAR PHASE NU PRIME

YEAR 1891

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	11	0	11	0	1	2	2	3	4	5	6	6
2	0	1	0	1	1	3	3	4	5	6	7	7
3	1	2	1	2	2	3	4	5	6	7	8	8
4	1	3	1	3	3	4	5	6	7	7	9	9
5	2	3	2	3	4	5	5	7	8	8	9	10
6	3	4	3	4	5	6	6	7	9	9	10	11
7	4	5	4	5	5	7	7	8	9	10	11	11
8	5	6	5	6	6	7	8	9	10	11	0	0
9	6	7	5	7	7	8	9	10	11	11	1	1
10	6	8	6	7	8	9	9	11	0	0	1	2
11	7	8	7	8	9	10	10	11	1	1	2	3
12	8	9	8	9	9	11	11	0	1	2	3	3
13	9	10	9	10	10	11	0	1	2	3	4	4
14	10	11	10	11	11	0	1	2	3	3	5	5
15	10	0	10	0	0	1	1	3	4	4	5	6
16	11	0	11	0	1	2	2	3	5	5	6	7
17	0	1	0	1	2	3	3	4	5	6	7	7
18	1	2	1	2	2	4	4	5	6	7	8	8
19	2	3	2	3	3	4	5	6	7	8	9	9
20	2	4	2	4	4	5	6	7	8	8	10	10
21	3	4	3	4	5	6	6	8	9	9	10	11
22	4	5	4	5	6	7	7	8	10	10	11	0
23	5	6	5	6	6	8	8	9	10	11	0	0
24	6	7	6	7	7	8	9	10	11	0	1	1
25	7	8	6	8	8	9	10	11	0	0	2	2
26	7	9	7	8	9	10	10	0	1	1	2	3
27	8	9	8	9	10	11	11	0	2	2	3	4
28	9	10	9	10	10	0	0	1	2	3	4	4
29	10		10	11	11	0	1	2	3	4	5	5
30	11		11	0	0	1	2	3	4	4	6	6
31	11		11		1		2	4		5		7

TABLE 2 (CONTINUED) LUNAR PHASE NU PRIME

YEAR 1852

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	8	9	8	10	10	11	0	1	2	2	4	4
2	8	10	9	10	11	0	0	2	3	3	4	5
3	9	10	10	11	0	1	1	2	4	4	5	6
4	10	11	11	0	0	2	2	3	4	5	6	6
5	11	0	0	1	1	2	3	4	5	6	7	7
6	0	1	0	2	2	3	4	5	6	6	8	8
7	1	2	1	2	3	4	4	6	7	7	8	9
8	1	3	2	3	4	5	5	6	8	8	9	10
9	2	3	3	4	4	6	6	7	8	9	10	10
10	3	4	4	5	5	6	7	8	9	10	11	11
11	4	5	5	6	6	7	8	9	10	10	0	0
12	5	6	5	7	7	8	9	10	11	11	0	1
13	5	7	6	7	8	9	9	11	0	0	1	2
14	6	7	7	8	9	10	10	11	1	1	2	2
15	7	8	8	9	9	11	11	0	1	2	3	3
16	8	9	9	10	10	11	0	1	2	3	4	4
17	9	10	9	11	11	0	1	2	3	3	5	5
18	9	11	10	11	0	1	1	3	4	4	5	6
19	10	11	11	0	1	2	2	3	5	5	6	7
20	11	0	0	1	1	3	3	4	5	6	7	7
21	0	1	1	2	2	3	4	5	6	7	8	8
22	1	2	1	3	3	4	5	6	7	7	9	9
23	2	3	2	3	4	5	5	7	8	8	9	10
24	2	4	3	4	5	6	6	7	9	9	10	11
25	3	4	4	5	5	7	7	8	9	10	11	11
26	4	5	5	6	6	7	8	9	10	11	0	0
27	5	6	6	7	7	8	9	10	11	11	1	1
28	6	7	6	8	8	9	10	11	0	0	1	2
29	6	8	7	8	9	10	10	0	1	1	2	3
30	7		8	9	10	11	11	0	2	2	3	3
31	8		9		10		0	1		3		4

TABLE 2 (CONTINUED) LUNAR PHASE NU PRIME

YEAR 1853

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	5	6	5	6	7	8	8	9	11	11	0	1
2	6	7	6	7	7	9	9	10	11	0	1	1
3	7	8	7	8	8	9	10	11	0	1	2	2
4	8	9	7	9	9	10	11	0	1	1	3	3
5	8	10	8	9	10	11	11	1	2	2	3	4
6	9	10	9	10	11	0	0	1	3	3	4	5
7	10	11	10	11	0	1	1	2	3	4	5	5
8	11	0	11	0	0	2	2	3	4	5	6	6
9	0	1	0	1	1	2	3	4	5	5	7	7
10	0	2	0	2	2	3	4	5	6	6	7	8
11	1	2	1	2	3	4	4	6	7	7	8	9
12	2	3	2	3	4	5	5	6	8	8	9	9
13	3	4	3	4	4	6	6	7	8	9	10	10
14	4	5	4	5	5	6	7	8	9	10	11	11
15	4	6	4	6	6	7	8	9	10	10	0	0
16	5	6	5	6	7	8	8	10	11	11	0	1
17	6	7	6	7	8	9	9	10	0	0	1	2
18	7	8	7	8	8	10	10	11	0	1	2	2
19	8	9	8	9	9	10	11	0	1	2	3	3
20	9	10	8	10	10	11	0	1	2	2	4	4
21	9	11	9	11	11	0	0	2	3	3	4	5
22	10	11	10	11	0	1	1	2	4	4	5	6
23	11	0	11	0	1	2	2	3	4	5	6	6
24	0	1	0	1	1	3	3	4	5	6	7	7
25	1	2	1	2	2	3	4	5	6	6	8	8
26	1	3	1	3	3	4	5	6	7	7	8	9
27	2	3	2	3	4	5	5	7	8	8	9	10
28	3	4	3	4	5	6	6	7	9	9	10	10
29	4		4	5	5	7	7	8	9	10	11	11
30	5		5	6	6	7	8	9	10	11	0	0
31	5		5		7		9	10		11		1

TABLE 2 (CONTINUED) LUNAR PHASE MU PRIME

YEAR 1854

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	2	3	2	3	3	4	5	6	7	8	9	9
2	3	4	3	4	4	5	6	7	8	8	10	10
3	3	5	3	5	5	6	6	8	9	9	10	11
4	4	5	4	5	6	7	7	8	10	10	11	0
5	5	6	5	6	7	8	8	9	10	11	0	0
6	6	7	6	7	7	9	9	10	11	0	1	1
7	7	8	7	8	8	9	10	11	0	0	2	2
8	7	9	7	9	9	10	11	0	1	1	2	3
9	8	9	8	9	10	11	11	1	2	2	3	4
10	9	10	9	10	11	0	0	1	3	3	4	5
11	10	11	10	11	11	1	1	2	3	4	5	5
12	11	0	11	0	0	1	2	3	4	5	6	6
13	11	1	11	1	1	2	3	4	5	5	7	7
14	0	2	0	1	2	3	3	5	6	6	7	8
15	1	2	1	2	3	4	4	5	7	7	8	9
16	2	3	2	3	3	5	5	6	7	8	9	9
17	3	4	3	4	4	5	6	7	8	9	10	10
18	4	5	4	5	5	6	7	8	9	9	11	11
19	4	6	4	6	6	7	7	9	10	10	11	0
20	5	6	5	6	7	8	8	9	11	11	0	1
21	6	7	6	7	8	9	9	10	11	0	1	1
22	7	8	7	8	8	10	10	11	0	1	2	2
23	8	9	8	9	9	10	11	0	1	1	3	3
24	8	10	8	10	10	11	0	1	2	2	4	4
25	9	10	9	10	11	0	0	2	3	3	4	5
26	10	11	10	11	0	1	1	2	4	4	5	6
27	11	0	11	0	0	2	2	3	4	5	6	6
28	0	1	0	1	1	2	3	4	5	6	7	7
29	0		0	2	2	3	4	5	6	6	8	8
30	1		1	2	3	4	4	6	7	7	8	9
31	2		2		4		5	6		8		10

TABLE 2 (CONTINUED) LUNAR PHASE MU PRIME

YEAR 1855

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	10	0	10	0	0	1	1	3	4	4	5	6
2	11	0	11	0	1	2	2	3	5	5	6	7
3	0	1	0	1	2	3	3	4	6	6	7	7
4	1	2	1	2	2	4	4	5	6	7	8	8
5	2	3	2	3	3	4	5	6	7	8	9	9
6	2	4	2	4	4	5	6	7	8	8	10	10
7	3	4	3	4	5	6	6	8	9	9	10	11
8	4	5	4	5	6	7	7	8	10	10	11	0
9	5	6	5	6	6	8	8	9	10	11	0	0
10	6	7	6	7	7	8	9	10	11	0	1	1
11	7	8	6	8	8	9	10	11	0	0	2	2
12	7	9	7	8	9	10	10	0	1	1	2	3
13	8	9	8	9	10	11	11	0	2	2	3	4
14	9	10	9	10	10	0	0	1	2	3	4	4
15	10	11	10	11	11	0	1	2	3	4	5	5
16	11	0	11	0	0	1	2	3	4	4	6	6
17	11	1	11	1	1	2	2	4	5	5	6	7
18	0	1	0	1	2	3	3	4	6	6	7	8
19	1	2	1	2	3	4	4	5	7	7	8	8
20	2	3	2	3	3	5	5	6	7	8	9	9
21	3	4	3	4	4	5	6	7	8	9	10	10
22	3	5	3	5	5	6	7	8	9	9	11	11
23	4	5	4	5	6	7	7	9	10	10	11	0
24	5	6	5	6	7	8	8	9	11	11	0	1
25	6	7	6	7	7	9	9	10	11	0	1	1
26	7	8	7	8	8	9	10	11	0	1	2	2
27	8	9	7	9	9	10	11	0	1	1	3	3
28	8	10	8	9	10	11	11	1	2	2	3	4
29	9		9	10	11	0	0	1	3	3	4	5
30	10		10	11	11	1	1	2	3	4	5	5
31	11		11		0		2	3		5		6

TABLE 2 (CONTINUED) LUNAR PHASE NU PRIME

YEAR 1856

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	7	8	8	9	9	11	11	0	1	2	3	3
2	8	9	9	10	10	11	0	1	2	3	4	4
3	9	10	9	11	11	0	1	2	3	3	5	5
4	9	11	10	11	0	1	1	3	4	4	5	6
5	10	11	11	0	1	2	2	3	5	5	6	7
6	11	0	0	1	1	3	3	4	5	6	7	7
7	0	1	1	2	2	3	4	5	6	7	8	8
8	1	2	1	3	3	4	5	6	7	7	9	9
9	2	3	2	3	4	5	5	7	8	8	9	10
10	2	4	3	4	5	6	6	7	9	9	10	11
11	3	4	4	5	5	7	7	8	9	10	11	11
12	4	5	5	6	6	7	8	9	10	11	0	0
13	5	6	6	7	7	8	9	10	11	11	1	1
14	6	7	6	8	8	9	10	11	0	0	1	2
15	6	8	7	8	9	10	10	0	1	1	2	3
16	7	8	8	9	10	11	11	0	2	2	3	3
17	8	9	9	10	10	0	0	1	2	3	4	4
18	9	10	10	11	11	0	1	2	3	4	5	5
19	10	11	10	0	0	1	2	3	4	4	6	6
20	10	0	11	0	1	2	2	4	5	5	6	7
21	11	0	0	1	2	3	3	4	6	6	7	8
22	0	1	1	2	2	4	4	5	6	7	8	8
23	1	2	2	3	3	4	5	6	7	8	9	9
24	2	3	2	4	4	5	6	7	8	8	10	10
25	3	4	3	4	5	6	6	8	9	9	10	11
26	3	5	4	5	6	7	7	8	10	10	11	0
27	4	5	5	6	6	8	8	9	10	11	0	0
28	5	6	6	7	7	9	9	10	11	0	1	1
29	6	7	7	8	8	9	10	11	0	0	2	2
30	7		7	9	9	10	11	0	1	1	2	3
31	7		8		10		11	1		2		4

TABLE 2 (CONTINUED) LUNAR PHASE NU PRIME

YEAR 1857

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	4	6	4	6	6	7	8	9	10	10	0	0
2	5	6	5	6	7	8	8	10	11	11	0	1
3	6	7	6	7	8	9	9	10	0	0	1	2
4	7	8	7	8	8	10	10	11	0	1	2	2
5	8	9	8	9	9	10	11	0	1	2	3	3
6	9	10	8	10	10	11	0	1	2	2	4	4
7	9	11	9	11	11	0	0	2	3	3	4	5
8	10	11	10	11	0	1	1	2	4	4	5	6
9	11	0	11	0	1	2	2	3	4	5	6	6
10	0	1	0	1	1	3	3	4	5	6	7	7
11	1	2	1	2	2	3	4	5	6	6	8	8
12	1	3	1	3	3	4	5	6	7	7	8	9
13	2	3	2	3	4	5	5	7	8	8	9	10
14	3	4	3	4	5	6	6	7	9	9	10	10
15	4	5	4	5	5	7	7	8	9	10	11	11
16	5	6	5	6	6	7	8	9	10	11	0	0
17	5	7	5	7	7	8	9	10	11	11	1	1
18	6	7	6	7	8	9	9	11	0	0	1	2
19	7	8	7	8	9	10	10	11	1	1	2	3
20	8	9	8	9	9	11	11	0	1	2	3	3
21	9	10	9	10	10	11	0	1	2	3	4	4
22	10	11	9	11	11	0	1	2	3	3	5	5
23	10	0	10	0	0	1	1	3	4	4	5	6
24	11	0	11	0	1	2	2	3	5	5	6	7
25	0	1	0	1	2	3	3	4	5	6	7	7
26	1	2	1	2	2	4	4	5	6	7	8	8
27	2	3	2	3	3	4	5	6	7	7	9	9
28	2	4	2	4	4	5	6	7	8	8	9	10
29	3		3	4	5	6	6	8	9	9	10	11
30	4		4	5	6	7	7	8	10	10	11	11
31	5		5		6		8	9		11		0

TABLE 2 (CONTINUED) LUNAR PHASE NU PRIME

YEAR 1858

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	1	2	1	2	3	4	4	5	7	7	8	9
2	2	3	2	3	3	5	5	6	7	8	9	9
3	3	4	3	4	4	5	6	7	8	9	10	10
4	4	5	4	5	5	6	7	8	9	9	11	11
5	4	6	4	6	6	7	7	9	10	10	11	0
6	5	6	5	6	7	8	8	9	11	11	0	1
7	6	7	6	7	8	9	9	10	11	0	1	1
8	7	8	7	8	8	10	10	11	0	1	2	2
9	8	9	8	9	9	10	11	0	1	1	3	3
10	8	10	8	10	10	11	0	1	2	2	4	4
11	9	10	9	10	11	0	0	2	3	3	4	5
12	10	11	10	11	0	1	1	2	4	4	5	6
13	11	0	11	0	0	2	2	3	4	5	6	6
14	0	1	0	1	1	2	3	4	5	6	7	7
15	1	2	0	2	2	3	4	5	6	6	8	8
16	1	3	1	2	3	4	4	6	7	7	8	9
17	2	3	2	3	4	5	5	6	8	8	9	10
18	3	4	3	4	4	6	6	7	8	9	10	10
19	4	5	4	5	5	6	7	8	9	10	11	11
20	5	6	5	6	6	7	8	9	10	10	0	0
21	5	7	5	7	7	8	8	10	11	11	0	1
22	6	7	6	7	8	9	9	10	0	0	1	2
23	7	8	7	8	9	10	10	11	0	1	2	2
24	8	9	8	9	9	11	11	0	1	2	3	3
25	9	10	9	10	10	11	0	1	2	2	4	4
26	9	11	9	11	11	0	1	2	3	3	5	5
27	10	11	10	11	0	1	1	3	4	4	5	6
28	11	0	11	0	1	2	2	3	5	5	6	7
29	0		0	1	1	3	3	4	5	6	7	7
30	1		1	2	2	3	4	5	6	7	8	8
31	2		1		3		5	6		7		9

TABLE 2 (CONTINUED) LUNAR PHASE NU PRIME

YEAR 1859

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	10	11	10	11	11	0	1	2	3	4	5	5
2	11	0	11	0	0	1	2	3	4	4	6	6
3	11	1	11	1	1	2	2	4	5	5	6	7
4	0	1	0	1	2	3	3	4	6	6	7	8
5	1	2	1	2	3	4	4	5	7	7	8	8
6	2	3	2	3	3	5	5	6	7	8	9	9
7	3	4	3	4	4	5	6	7	8	9	10	10
8	3	5	3	5	5	6	7	8	9	9	11	11
9	4	5	4	5	6	7	7	9	10	10	11	0
10	5	6	5	6	7	8	8	9	11	11	0	1
11	6	7	6	7	7	9	9	10	11	0	1	1
12	7	8	7	8	8	9	10	11	0	1	2	2
13	8	9	7	9	9	10	11	0	1	1	3	3
14	8	10	8	9	10	11	11	1	2	2	3	4
15	9	10	9	10	11	0	0	1	3	3	4	5
16	10	11	10	11	11	1	1	2	3	4	5	5
17	11	0	11	0	0	1	2	3	4	5	6	6
18	0	1	0	1	1	2	3	4	5	5	7	7
19	0	2	0	2	2	3	3	5	6	6	7	8
20	1	2	1	2	3	4	4	6	7	7	8	9
21	2	3	2	3	4	5	5	6	8	8	9	9
22	3	4	3	4	4	6	6	7	8	9	10	10
23	4	5	4	5	5	6	7	8	9	10	11	11
24	4	6	4	6	6	7	8	9	10	10	0	0
25	5	6	5	6	7	8	8	10	11	11	0	1
26	6	7	6	7	8	9	9	10	0	0	1	2
27	7	8	7	8	8	10	10	11	0	1	2	2
28	8	9	8	9	9	10	11	0	1	2	3	3
29	9		9	10	10	11	0	1	2	2	4	4
30	9		9	10	11	0	0	2	3	3	4	5
31	10		10		0		1	2		4		6

TABLE 2 (CONTINUED) LUNAR PHASE NU PRIME

YEAR 1880

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	6	8	7	8	9	10	10	0	1	1	2	3
2	7	8	8	9	10	11	11	0	2	2	3	3
3	8	9	9	10	10	0	0	1	2	3	4	4
4	9	10	10	11	11	0	1	2	3	4	5	5
5	10	11	10	0	0	1	2	3	4	4	6	6
6	10	0	11	0	1	2	2	4	5	5	6	7
7	11	0	0	1	2	3	3	4	6	6	7	8
8	0	1	1	2	2	4	4	5	6	7	8	8
9	1	2	2	3	3	4	5	6	7	8	9	9
10	2	3	2	4	4	5	6	7	8	8	10	10
11	3	4	3	4	5	6	6	8	9	9	10	11
12	3	5	4	5	6	7	7	8	10	10	11	0
13	4	5	5	6	6	8	8	9	10	11	0	0
14	5	6	6	7	7	9	9	10	11	0	1	1
15	6	7	7	8	8	9	10	11	0	0	2	2
16	7	8	7	9	9	10	11	0	1	1	2	3
17	7	9	8	9	10	11	11	1	2	2	3	4
18	8	9	9	10	11	0	0	1	3	3	4	4
19	9	10	10	11	11	1	1	2	3	4	5	5
20	10	11	11	0	0	1	2	3	4	5	6	6
21	11	0	11	1	1	2	3	4	5	5	7	7
22	11	1	0	1	2	3	3	5	6	6	7	8
23	0	1	1	2	3	4	4	5	7	7	8	9
24	1	2	2	3	3	5	5	6	7	8	9	9
25	2	3	3	4	4	5	6	7	8	9	10	10
26	3	4	3	5	5	6	7	8	9	9	11	11
27	4	5	4	5	6	7	7	9	10	10	11	0
28	4	6	5	6	7	8	8	9	11	11	0	1
29	5	6	6	7	8	9	9	10	11	0	1	1
30	6	7	7	8	8	10	10	11	0	1	2	2
31	7		8		9		11	0		1		3

TABLE 2 (CONTINUED) LUNAR PHASE NU PRIME

YEAR 1881

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	4	5	4	5	5	7	7	8	9	10	11	11
2	5	6	5	6	6	7	8	9	10	11	0	0
3	5	7	5	7	7	8	9	10	11	11	1	1
4	6	7	6	7	8	9	9	11	0	0	1	2
5	7	8	7	8	9	10	10	11	1	1	2	3
6	8	9	8	9	9	11	11	0	1	2	3	3
7	9	10	9	10	10	11	0	1	2	3	4	4
8	10	11	9	11	11	0	1	2	3	3	5	5
9	10	0	10	0	0	1	1	3	4	4	5	6
10	11	0	11	0	1	2	2	3	5	5	6	7
11	0	1	0	1	2	3	3	4	5	6	7	7
12	1	2	1	2	2	4	4	5	6	7	8	8
13	2	3	2	3	3	4	5	6	7	7	9	9
14	2	4	2	4	4	5	6	7	8	8	9	10
15	3	4	3	4	5	6	6	8	9	9	10	11
16	4	5	4	5	6	7	7	8	10	10	11	11
17	5	6	5	6	6	8	8	9	10	11	0	0
18	6	7	6	7	7	8	9	10	11	0	1	1
19	6	8	6	8	8	9	10	11	0	0	2	2
20	7	8	7	8	9	10	10	0	1	1	2	3
21	8	9	8	9	10	11	11	0	2	2	3	4
22	9	10	9	10	10	0	0	1	2	3	4	4
23	10	11	10	11	11	0	1	2	3	4	5	5
24	11	0	11	0	0	1	2	3	4	4	6	6
25	11	1	11	1	1	2	2	4	5	5	6	7
26	0	1	0	1	2	3	3	4	6	6	7	8
27	1	2	1	2	3	4	4	5	6	7	8	8
28	2	3	2	3	3	5	5	6	7	8	9	9
29	3		3	4	4	5	6	7	8	8	10	10
30	3		3	5	5	6	7	8	9	9	10	11
31	4		4		6		7	9		10		0

TABLE 2 (CONTINUED) LUNAR PHASE NU PRIME

YEAR 1992

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	1	2	0	2	2	3	4	5	6	6	8	8
2	1	3	1	2	3	4	4	6	7	7	8	9
3	2	3	2	3	4	5	5	6	8	8	9	10
4	3	4	3	4	4	6	6	7	8	9	10	10
5	4	5	4	5	5	6	7	8	9	10	11	11
6	5	6	5	6	6	7	8	9	10	10	0	0
7	5	7	5	7	7	8	8	10	11	11	0	1
8	6	7	6	7	8	9	9	10	0	0	1	2
9	7	8	7	8	9	10	10	11	0	1	2	2
10	8	9	8	9	9	11	11	0	1	2	3	3
11	9	10	9	10	10	11	0	1	2	3	4	4
12	9	11	9	11	11	0	1	2	3	3	5	5
13	10	11	10	11	0	1	1	3	4	4	5	6
14	11	0	11	0	1	2	2	3	5	5	6	7
15	0	1	0	1	1	3	3	4	5	6	7	7
16	1	2	1	2	2	3	4	5	6	7	8	8
17	2	3	1	3	3	4	5	6	7	7	9	9
18	2	4	2	3	4	5	5	7	8	8	9	10
19	3	4	3	4	5	6	6	7	9	9	10	11
20	4	5	4	5	5	7	7	8	9	10	11	11
21	5	6	5	6	6	7	8	9	10	11	0	0
22	6	7	6	7	7	8	9	10	11	11	1	1
23	6	8	6	8	8	9	9	11	0	0	1	2
24	7	8	7	8	9	10	10	11	1	1	2	3
25	8	9	8	9	10	11	11	0	1	2	3	3
26	9	10	9	10	10	0	0	1	2	3	4	4
27	10	11	10	11	11	0	1	2	3	4	5	5
28	10	0	10	0	0	1	2	3	4	4	6	6
29	11		11	0	1	2	2	4	5	5	6	7
30	0		0	1	2	3	3	4	6	6	7	8
31	1		1		2		4	5		7		8

TABLE 2 (CONTINUED) LUNAR PHASE NU PRIME

YEAR 1993

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	9	10	9	10	11	0	0	1	3	3	4	5
2	10	11	10	11	11	1	1	2	3	4	5	5
3	11	0	11	0	0	1	2	3	4	5	6	6
4	0	1	0	1	1	2	3	4	5	5	7	7
5	0	2	0	2	2	3	3	5	6	6	7	8
6	1	2	1	2	3	4	4	6	7	7	8	9
7	2	3	2	3	4	5	5	6	8	8	9	9
8	3	4	3	4	4	6	6	7	8	9	10	10
9	4	5	4	5	5	6	7	8	9	10	11	11
10	4	6	4	6	6	7	8	9	10	10	0	0
11	5	6	5	6	7	8	8	10	11	11	0	1
12	6	7	6	7	8	9	9	10	0	0	1	2
13	7	8	7	8	8	10	10	11	0	1	2	2
14	8	9	8	9	9	10	11	0	1	2	3	3
15	9	10	8	10	10	11	0	1	2	2	4	4
16	9	11	9	10	11	0	0	2	3	3	4	5
17	10	11	10	11	0	1	1	2	4	4	5	6
18	11	0	11	0	0	2	2	3	4	5	6	6
19	0	1	0	1	1	2	3	4	5	6	7	7
20	1	2	1	2	2	3	4	5	6	6	8	8
21	1	3	1	3	3	4	4	6	7	7	8	9
22	2	3	2	3	4	5	5	7	8	8	9	10
23	3	4	3	4	5	6	6	7	9	9	10	10
24	4	5	4	5	5	7	7	8	9	10	11	11
25	5	6	5	6	6	7	8	9	10	11	0	0
26	5	7	5	7	7	8	9	10	11	11	1	1
27	6	7	6	7	8	9	9	11	0	0	1	2
28	7	8	7	8	9	10	10	11	1	1	2	3
29	8		8	9	9	11	11	0	1	2	3	3
30	9		9	10	10	11	0	1	2	3	4	4
31	10		9		11		1	2		3		5

TABLE 2 (CONTINUED) LUNAR PHASE MU PRIME

YEAR 1864

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	6	7	7	8	8	9	10	11	0	0	2	2
2	7	8	7	9	9	10	11	0	1	1	2	3
3	7	9	8	9	10	11	11	1	2	2	3	4
4	8	9	9	10	11	0	0	1	3	3	4	4
5	9	10	10	11	11	1	1	2	3	4	5	5
6	10	11	11	0	0	1	2	3	4	5	6	6
7	11	0	11	1	1	2	3	4	5	5	7	7
8	11	1	0	1	2	3	3	5	6	6	7	8
9	0	1	1	2	3	4	4	5	7	7	8	9
10	1	2	2	3	3	5	5	6	7	8	9	9
11	2	3	3	4	4	5	6	7	8	9	10	10
12	3	4	3	5	5	6	7	8	9	9	11	11
13	4	5	4	5	6	7	7	9	10	10	11	0
14	4	6	5	6	7	8	8	9	11	11	0	1
15	5	6	6	7	8	9	9	10	11	0	1	1
16	6	7	7	8	8	10	10	11	0	1	2	2
17	7	8	8	9	9	10	11	0	1	1	3	3
18	8	9	8	10	10	11	0	1	2	2	3	4
19	8	10	9	10	11	0	0	2	3	3	4	5
20	9	10	10	11	0	1	1	2	4	4	5	5
21	10	11	11	0	0	2	2	3	4	5	6	6
22	11	0	0	1	1	2	3	4	5	6	7	7
23	0	1	0	2	2	3	4	5	6	6	8	8
24	0	2	1	2	3	4	4	6	7	7	8	9
25	1	2	2	3	4	5	5	6	8	8	9	10
26	2	3	3	4	4	6	6	7	8	9	10	10
27	3	4	4	5	5	6	7	8	9	10	11	11
28	4	5	4	6	6	7	8	9	10	10	0	0
29	5	6	5	6	7	8	8	10	11	11	0	1
30	5		6	7	8	9	9	10	0	0	1	2
31	6		7		9		10	11		1		2

TABLE 2 (CONTINUED) LUNAR PHASE MU PRIME

YEAR 1865

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	3	4	3	4	5	6	6	8	9	9	10	11
2	4	5	4	5	6	7	7	8	10	10	11	11
3	5	6	5	6	6	8	8	9	10	11	0	0
4	6	7	6	7	7	8	9	10	11	0	1	1
5	6	8	6	8	8	9	10	11	0	0	2	2
6	7	8	7	8	9	10	10	0	1	1	2	3
7	8	9	8	9	10	11	11	0	2	2	3	4
8	9	10	9	10	10	0	0	1	2	3	4	4
9	10	11	10	11	11	0	1	2	3	4	5	5
10	11	0	11	0	0	1	2	3	4	4	6	6
11	11	1	11	1	1	2	2	4	5	5	6	7
12	0	1	0	1	2	3	3	4	6	6	7	8
13	1	2	1	2	3	4	4	5	6	7	8	8
14	2	3	2	3	3	5	5	6	7	8	9	9
15	3	4	3	4	4	5	6	7	8	8	10	10
16	3	5	3	5	5	6	7	8	9	9	10	11
17	4	5	4	5	6	7	7	9	10	10	11	0
18	5	6	5	6	7	8	8	9	11	11	0	1
19	6	7	6	7	7	9	9	10	11	0	1	1
20	7	8	7	8	8	9	10	11	0	1	2	2
21	7	9	7	9	9	10	11	0	1	1	3	3
22	8	10	8	9	10	11	11	1	2	2	3	4
23	9	10	9	10	11	0	0	1	3	3	4	5
24	10	11	10	11	11	1	1	2	3	4	5	5
25	11	0	11	0	0	1	2	3	4	5	6	6
26	0	1	0	1	1	2	3	4	5	5	7	7
27	0	2	0	2	2	3	3	5	6	6	7	8
28	1	2	1	2	3	4	4	5	7	7	8	9
29	2		2	3	4	5	5	6	7	8	9	9
30	3		3	4	4	6	6	7	8	9	10	10
31	4		4		5		7	8		9		11

TABLE 2 (CONTINUED) LUNAR PHASE MU PRIME

YEAR 1866

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	0	1	0	1	1	3	3	4	5	6	7	7
2	1	2	1	2	2	3	4	5	6	7	8	8
3	2	3	1	3	3	4	5	6	7	7	9	9
4	2	4	2	3	4	5	5	7	8	8	9	10
5	3	4	3	4	5	6	6	7	9	9	10	11
6	4	5	4	5	5	7	7	8	9	10	11	11
7	5	6	5	6	6	7	8	9	10	11	0	0
8	6	7	6	7	7	8	9	10	11	11	1	1
9	6	8	6	8	8	9	9	11	0	0	1	2
10	7	8	7	8	9	10	10	11	1	1	2	3
11	8	9	8	9	10	11	11	0	1	2	3	3
12	9	10	9	10	10	0	0	1	2	3	4	4
13	10	11	10	11	11	0	1	2	3	4	5	5
14	10	0	10	0	0	1	2	3	4	4	5	6
15	11	0	11	0	1	2	2	4	5	5	6	7
16	0	1	0	1	2	3	3	4	6	6	7	8
17	1	2	1	2	2	4	4	5	6	7	8	8
18	2	3	2	3	3	4	5	6	7	8	9	9
19	3	4	2	4	4	5	6	7	8	8	10	10
20	3	5	3	4	5	6	6	8	9	9	10	11
21	4	5	4	5	6	7	7	8	10	10	11	0
22	5	6	5	6	6	8	8	9	10	11	0	0
23	6	7	6	7	7	8	9	10	11	0	1	1
24	7	8	7	8	8	9	10	11	0	0	2	2
25	7	9	7	9	9	10	10	0	1	1	2	3
26	8	9	8	9	10	11	11	0	2	2	3	4
27	9	10	9	10	11	0	0	1	3	3	4	4
28	10	11	10	11	11	1	1	2	3	4	5	5
29	11		11	0	0	1	2	3	4	5	6	6
30	11		11	1	1	2	3	4	5	5	7	7
31	0		0		2		3	5		6		8

TABLE 2 (CONTINUED) LUNAR PHASE MU PRIME

YEAR 1867

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	9	10	8	10	10	11	0	1	2	2	4	4
2	9	11	9	10	11	0	0	2	3	3	4	5
3	10	11	10	11	0	1	1	2	4	4	5	6
4	11	0	11	0	0	2	2	3	4	5	6	6
5	0	1	0	1	1	2	3	4	5	6	7	7
6	1	2	1	2	2	3	4	5	6	6	8	8
7	1	3	1	3	3	4	4	6	7	7	8	9
8	2	3	2	3	4	5	5	7	8	8	9	10
9	3	4	3	4	5	6	6	7	9	9	10	10
10	4	5	4	5	5	7	7	8	9	10	11	11
11	5	6	5	6	6	7	8	9	10	11	0	0
12	5	7	5	7	7	8	9	10	11	11	1	1
13	6	7	6	7	8	9	9	11	0	0	1	2
14	7	8	7	8	9	10	10	11	1	1	2	3
15	8	9	8	9	9	11	11	0	1	2	3	3
16	9	10	9	10	10	11	0	1	2	3	4	4
17	10	11	9	11	11	0	1	2	3	3	5	5
18	10	0	10	11	0	1	1	3	4	4	5	6
19	11	0	11	0	1	2	2	3	5	5	6	7
20	0	1	0	1	1	3	3	4	5	6	7	7
21	1	2	1	2	2	3	4	5	6	7	8	8
22	2	3	2	3	3	4	5	6	7	7	9	9
23	2	4	2	4	4	5	6	7	8	8	9	10
24	3	4	3	4	5	6	6	8	9	9	10	11
25	4	5	4	5	6	7	7	8	10	10	11	11
26	5	6	5	6	6	8	8	9	10	11	0	0
27	6	7	6	7	7	8	9	10	11	0	1	1
28	6	8	6	8	8	9	10	11	0	0	2	2
29	7		7	8	9	10	10	0	1	1	2	3
30	8		8	9	10	11	11	0	2	2	3	4
31	9		9		10		0	1		3		4

TABLE 2 (CONTINUED) LUNAR PHASE NU PRIME

YEAR 1868

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	5	6	6	7	8	9	9	10	11	0	1	1
2	6	7	7	8	8	10	10	11	0	1	2	2
3	7	8	8	9	9	10	11	0	1	1	3	3
4	8	9	8	10	10	11	0	1	2	2	3	4
5	8	10	9	10	11	0	0	2	3	3	4	5
6	9	10	10	11	0	1	1	2	4	4	5	5
7	10	11	11	0	0	2	2	3	4	5	6	6
8	11	0	0	1	1	2	3	4	5	6	7	7
9	0	1	0	2	2	3	4	5	6	6	8	8
10	0	2	1	2	3	4	4	6	7	7	8	9
11	1	2	2	3	4	5	5	6	8	8	9	10
12	2	3	3	4	4	6	6	7	8	9	10	10
13	3	4	4	5	5	6	7	8	9	10	11	11
14	4	5	4	6	6	7	8	9	10	10	0	0
15	5	6	5	6	7	8	8	10	11	11	0	1
16	5	7	6	7	8	9	9	10	0	0	1	2
17	6	7	7	8	9	10	10	11	0	1	2	2
18	7	8	8	9	9	11	11	0	1	2	3	3
19	8	9	9	10	10	11	0	1	2	2	4	4
20	9	10	9	11	11	0	1	2	3	3	4	5
21	9	11	10	11	0	1	1	3	4	4	5	6
22	10	11	11	0	1	2	2	3	5	5	6	6
23	11	0	0	1	1	3	3	4	5	6	7	7
24	0	1	1	2	2	3	4	5	6	7	8	8
25	1	2	1	3	3	4	5	6	7	7	9	9
26	1	3	2	3	4	5	5	7	8	8	9	10
27	2	3	3	4	5	6	6	7	9	9	10	11
28	3	4	4	5	5	7	7	8	9	10	11	11
29	4	5	5	6	6	7	8	9	10	11	0	0
30	5		5	7	7	8	9	10	11	11	1	1
31	6		6		8		9	11		0		2

TABLE 2 (CONTINUED) LUNAR PHASE NU PRIME

YEAR 1869

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	3	4	3	4	4	5	6	7	8	8	10	10
2	3	5	3	5	5	6	7	8	9	9	10	11
3	4	5	4	5	6	7	7	9	10	10	11	0
4	5	6	5	6	7	8	8	9	11	11	0	1
5	6	7	6	7	7	9	9	10	11	0	1	1
6	7	8	7	8	8	9	10	11	0	1	2	2
7	7	9	7	9	9	10	11	0	1	1	3	3
8	8	10	8	9	10	11	11	1	2	2	3	4
9	9	10	9	10	11	0	0	1	3	3	4	5
10	10	11	10	11	11	1	1	2	3	4	5	5
11	11	0	11	0	0	1	2	3	4	5	6	6
12	0	1	0	1	1	2	3	4	5	5	7	7
13	0	2	0	2	2	3	3	5	6	6	7	8
14	1	2	1	2	3	4	4	5	7	7	8	9
15	2	3	2	3	4	5	5	6	7	8	9	9
16	3	4	3	4	4	6	6	7	8	9	10	10
17	4	5	4	5	5	6	7	8	9	9	11	11
18	4	6	4	6	6	7	8	9	10	10	11	0
19	5	6	5	6	7	8	8	10	11	11	0	1
20	6	7	6	7	8	9	9	10	0	0	1	2
21	7	8	7	8	8	10	10	11	0	1	2	2
22	8	9	8	9	9	10	11	0	1	2	3	3
23	8	10	8	10	10	11	0	1	2	2	4	4
24	9	11	9	10	11	0	0	2	3	3	4	5
25	10	11	10	11	0	1	1	2	4	4	5	6
26	11	0	11	0	0	2	2	3	4	5	6	6
27	0	1	0	1	1	2	3	4	5	6	7	7
28	1	2	1	2	2	3	4	5	6	6	8	8
29	1		1	3	3	4	4	6	7	7	8	9
30	2		2	3	4	5	5	6	8	8	9	10
31	3		3		5		6	7		9		10

TABLE 2 (CONTINUED) LUNAR PHASE NU PRIME

YEAR 1870

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	11	0	11	0	1	2	2	4	5	5	6	7
2	0	1	0	1	2	3	3	4	6	6	7	8
3	1	2	1	2	2	4	4	5	6	7	8	8
4	2	3	2	3	3	4	5	6	7	8	9	9
5	3	4	2	4	4	5	6	7	8	8	10	10
6	3	5	3	4	5	6	6	8	9	9	10	11
7	4	5	4	5	6	7	7	8	10	10	11	0
8	5	6	5	6	6	8	8	9	10	11	0	0
9	6	7	6	7	7	8	9	10	11	0	1	1
10	7	8	7	8	8	9	10	11	0	0	2	2
11	7	9	7	9	9	10	10	0	1	1	2	3
12	8	9	8	9	10	11	11	0	2	2	3	4
13	9	10	9	10	11	0	0	1	3	3	4	4
14	10	11	10	11	11	1	1	2	3	4	5	5
15	11	0	11	0	0	1	2	3	4	5	6	6
16	11	1	11	1	1	2	3	4	5	5	7	7
17	0	1	0	1	2	3	3	5	6	6	7	8
18	1	2	1	2	3	4	4	5	7	7	8	9
19	2	3	2	3	3	5	5	6	7	8	9	9
20	3	4	3	4	4	5	6	7	8	9	10	10
21	4	5	3	5	5	6	7	8	9	9	11	11
22	4	6	4	5	6	7	7	9	10	10	11	0
23	5	6	5	6	7	8	8	9	11	11	0	1
24	6	7	6	7	7	9	9	10	11	0	1	1
25	7	8	7	8	8	9	10	11	0	1	2	2
26	8	9	8	9	9	10	11	0	1	1	3	3
27	8	10	8	10	10	11	11	1	2	2	3	4
28	9	10	9	10	11	0	0	1	3	3	4	5
29	10		10	11	0	1	1	2	4	4	5	5
30	11		11	0	0	2	2	3	4	5	6	6
31	0		0		1		3	4		6		7

TABLE 2 (CONTINUED) LUNAR PHASE NU PRIME

YEAR 1871

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	8	9	8	9	9	11	11	0	1	2	3	3
2	9	10	9	10	10	11	0	1	2	3	4	4
3	10	11	9	11	11	0	1	2	3	3	5	5
4	10	0	10	11	0	1	1	3	4	4	5	6
5	11	0	11	0	1	2	2	3	5	5	6	7
6	0	1	0	1	1	3	3	4	5	6	7	7
7	1	2	1	2	2	3	4	5	6	7	8	8
8	2	3	2	3	3	4	5	6	7	7	9	9
9	2	4	2	4	4	5	6	7	8	8	9	10
10	3	4	3	4	5	6	6	8	9	9	10	11
11	4	5	4	5	6	7	7	8	10	10	11	11
12	5	6	5	6	6	8	8	9	10	11	0	0
13	6	7	6	7	7	8	9	10	11	0	1	1
14	6	8	6	8	8	9	10	11	0	0	2	2
15	7	8	7	8	9	10	10	0	1	1	2	3
16	8	9	8	9	10	11	11	0	2	2	3	4
17	9	10	9	10	10	0	0	1	2	3	4	4
18	10	11	10	11	11	0	1	2	3	4	5	5
19	11	0	10	0	0	1	2	3	4	4	6	6
20	11	1	11	0	1	2	2	4	5	5	6	7
21	0	1	0	1	2	3	3	4	6	6	7	8
22	1	2	1	2	2	4	4	5	6	7	8	8
23	2	3	2	3	3	5	5	6	7	8	9	9
24	3	4	3	4	4	5	6	7	8	8	10	10
25	3	5	3	5	5	6	7	8	9	9	10	11
26	4	5	4	5	6	7	7	9	10	10	11	0
27	5	6	5	6	7	8	8	9	11	11	0	0
28	6	7	6	7	7	9	9	10	11	0	1	1
29	7		7	8	8	9	10	11	0	1	2	2
30	7		7	9	9	10	11	0	1	1	3	3
31	8		8		10		11	1		2		4

TABLE 2 (CONTINUED) LUNAR PHASE NU PRIME

YEAR 1872

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	5	6	5	6	7	8	8	10	11	11	0	1
2	5	7	6	7	8	9	9	10	0	0	1	2
3	6	7	7	8	9	10	10	11	0	1	2	2
4	7	8	8	9	9	11	11	0	1	2	3	3
5	8	9	9	10	10	11	0	1	2	2	4	4
6	9	10	9	11	11	0	1	2	3	3	4	5
7	9	11	10	11	0	1	1	3	4	4	5	6
8	10	11	11	0	1	2	2	3	5	5	6	6
9	11	0	0	1	1	3	3	4	5	6	7	7
10	0	1	1	2	2	3	4	5	6	7	8	8
11	1	2	1	3	3	4	5	6	7	7	9	9
12	1	3	2	3	4	5	5	7	8	8	9	10
13	2	3	3	4	5	6	6	7	9	9	10	11
14	3	4	4	5	5	7	7	8	9	10	11	11
15	4	5	5	6	6	7	8	9	10	11	0	0
16	5	6	5	7	7	8	9	10	11	11	1	1
17	6	7	6	8	8	9	9	11	0	0	1	2
18	6	8	7	8	9	10	10	11	1	1	2	3
19	7	8	8	9	10	11	11	0	1	2	3	3
20	8	9	9	10	10	0	0	1	2	3	4	4
21	9	10	10	11	11	0	1	2	3	3	5	5
22	10	11	10	0	0	1	2	3	4	4	5	6
23	10	0	11	0	1	2	2	4	5	5	6	7
24	11	0	0	1	2	3	3	4	6	6	7	7
25	0	1	1	2	2	4	4	5	6	7	8	8
26	1	2	2	3	3	4	5	6	7	8	9	9
27	2	3	2	4	4	5	6	7	8	8	10	10
28	2	4	3	4	5	6	6	8	9	9	10	11
29	3	4	4	5	6	7	7	8	10	10	11	0
30	4		5	6	6	8	8	9	10	11	0	0
31	5		6		7		9	10		0		1

TABLE 2 (CONTINUED) LUNAR PHASE NU PRIME

YEAR 1873

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	2	3	2	3	4	5	5	6	7	8	9	9
2	3	4	3	4	4	6	6	7	8	9	10	10
3	4	5	4	5	5	6	7	8	9	9	11	11
4	4	6	4	6	6	7	8	9	10	10	0	0
5	5	6	5	6	7	8	8	10	11	11	0	1
6	6	7	6	7	8	9	9	10	0	0	1	2
7	7	8	7	8	8	10	10	11	0	1	2	2
8	8	9	8	9	9	10	11	0	1	2	3	3
9	8	10	8	10	10	11	0	1	2	2	4	4
10	9	11	9	10	11	0	0	2	3	3	4	5
11	10	11	10	11	0	1	1	2	4	4	5	6
12	11	0	11	0	0	2	2	3	4	5	6	6
13	0	1	0	1	1	2	3	4	5	6	7	7
14	1	2	1	2	2	3	4	5	6	6	8	8
15	1	3	1	3	3	4	4	6	7	7	8	9
16	2	3	2	3	4	5	5	6	8	8	9	10
17	3	4	3	4	5	6	6	7	8	9	10	10
18	4	5	4	5	5	7	7	8	9	10	11	11
19	5	6	5	6	6	7	8	9	10	10	0	0
20	5	7	5	7	7	8	9	10	11	11	1	1
21	6	7	6	7	8	9	9	11	0	0	1	2
22	7	8	7	8	9	10	10	11	1	1	2	3
23	8	9	8	9	9	11	11	0	1	2	3	3
24	9	10	9	10	10	11	0	1	2	3	4	4
25	10	11	9	11	11	0	1	2	3	3	5	5
26	10	0	10	11	0	1	1	3	4	4	5	6
27	11	0	11	0	1	2	2	3	5	5	6	7
28	0	1	0	1	1	3	3	4	5	6	7	7
29	1		1	2	2	3	4	5	6	7	8	8
30	2		2	3	3	4	5	6	7	7	9	9
31	2		2		4		5	7		8		10

TABLE 2 (CONTINUED) LUNAR PHASE MU PRIME

YEAR 1876

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	11	0	11	0	0	1	2	3	4	5	6	6
2	11	1	11	1	1	2	3	4	5	5	7	7
3	0	1	0	1	2	3	3	5	6	6	7	8
4	1	2	1	2	3	4	4	5	7	7	8	9
5	2	3	2	3	3	5	5	6	7	8	9	9
6	3	4	3	4	4	5	6	7	8	9	10	10
7	4	5	3	5	5	6	7	8	9	9	11	11
8	4	6	4	5	6	7	7	9	10	10	11	0
9	5	6	5	6	7	8	8	9	11	11	0	1
10	6	7	6	7	7	9	9	10	11	0	1	1
11	7	8	7	8	8	9	10	11	0	1	2	2
12	8	9	8	9	9	10	11	0	1	1	3	3
13	8	10	8	10	10	11	11	1	2	2	3	4
14	9	10	9	10	11	0	0	1	3	3	4	5
15	10	11	10	11	0	1	1	2	4	4	5	5
16	11	0	11	0	0	2	2	3	4	5	6	6
17	0	1	0	1	1	2	3	4	5	6	7	7
18	0	2	0	2	2	3	4	5	6	6	8	8
19	1	2	1	2	3	4	4	6	7	7	8	9
20	2	3	2	3	4	5	5	6	8	8	9	10
21	3	4	3	4	4	6	6	7	8	9	10	10
22	4	5	4	5	5	6	7	8	9	10	11	11
23	5	6	4	6	6	7	8	9	10	10	0	0
24	5	7	5	6	7	8	8	10	11	11	0	1
25	6	7	6	7	8	9	9	10	0	0	1	2
26	7	8	7	8	8	10	10	11	0	1	2	2
27	8	9	8	9	9	10	11	0	1	2	3	3
28	9	10	9	10	10	11	0	1	2	2	4	4
29	9		9	11	11	0	0	2	3	3	4	5
30	10		10	11	0	1	1	3	4	4	5	6
31	11		11		1		2	3		5		6

TABLE 2 (CONTINUED) LUNAR PHASE MU PRIME

YEAR 1875

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	7	8	7	8	9	10	10	0	1	1	2	3
2	8	9	8	9	10	11	11	0	2	2	3	4
3	9	10	9	10	10	0	0	1	2	3	4	4
4	10	11	10	11	11	0	1	2	3	4	5	5
5	11	0	10	0	0	1	2	3	4	4	6	6
6	11	1	11	0	1	2	2	4	5	5	6	7
7	0	1	0	1	2	3	3	4	6	6	7	8
8	1	2	1	2	2	4	4	5	6	7	8	8
9	2	3	2	3	3	5	5	6	7	8	9	9
10	3	4	3	4	4	5	6	7	8	8	10	10
11	3	5	3	5	5	6	7	8	9	9	10	11
12	4	5	4	5	6	7	7	9	10	10	11	0
13	5	6	5	6	7	8	8	9	11	11	0	0
14	6	7	6	7	7	9	9	10	11	0	1	1
15	7	8	7	8	8	9	10	11	0	1	2	2
16	7	9	7	9	9	10	11	0	1	1	3	3
17	8	9	8	9	10	11	11	1	2	2	3	4
18	9	10	9	10	11	0	0	1	3	3	4	5
19	10	11	10	11	11	1	1	2	3	4	5	5
20	11	0	11	0	0	1	2	3	4	5	6	6
21	0	1	11	1	1	2	3	4	5	5	7	7
22	0	2	0	1	2	3	3	5	6	6	7	8
23	1	2	1	2	3	4	4	5	7	7	8	9
24	2	3	2	3	3	5	5	6	7	8	9	9
25	3	4	3	4	4	6	6	7	8	9	10	10
26	4	5	4	5	5	6	7	8	9	9	11	11
27	4	6	4	6	6	7	8	9	10	10	11	0
28	5	6	5	6	7	8	8	10	11	11	0	1
29	6		6	7	8	9	9	10	0	0	1	1
30	7		7	8	8	10	10	11	0	1	2	2
31	8		8		9		11	0		2		3

TABLE 2 (CONTINUED) LUNAR PHASE MU PRIME

YEAR 1876

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	4	5	5	6	6	7	8	9	10	11	0	0
2	5	6	5	7	7	8	9	10	11	11	1	1
3	6	7	6	8	8	9	9	11	0	0	1	2
4	6	8	7	8	9	10	10	11	1	1	2	3
5	7	8	8	9	10	11	11	0	1	2	3	3
6	8	9	9	10	10	0	0	1	2	3	4	4
7	9	10	10	11	11	0	1	2	3	3	5	5
8	10	11	10	0	0	1	2	3	4	4	5	6
9	10	0	11	0	1	2	2	4	5	5	6	7
10	11	0	0	1	2	3	3	4	6	6	7	7
11	0	1	1	2	2	4	4	5	6	7	8	8
12	1	2	2	3	3	4	5	6	7	8	9	9
13	2	3	2	4	4	5	6	7	8	8	10	10
14	2	4	3	4	5	6	6	8	9	9	10	11
15	3	4	4	5	6	7	7	8	10	10	11	0
16	4	5	5	6	6	8	8	9	10	11	0	0
17	5	6	6	7	7	8	9	10	11	0	1	1
18	6	7	7	8	8	9	10	11	0	0	2	2
19	7	8	7	9	9	10	10	0	1	1	2	3
20	7	9	8	9	10	11	11	0	2	2	3	4
21	8	9	9	10	11	0	0	1	2	3	4	4
22	9	10	10	11	11	1	1	2	3	4	5	5
23	10	11	11	0	0	1	2	3	4	4	6	6
24	11	0	11	1	1	2	3	4	5	5	6	7
25	11	1	0	1	2	3	3	5	6	6	7	8
26	0	1	1	2	3	4	4	5	7	7	8	8
27	1	2	2	3	3	5	5	6	7	8	9	9
28	2	3	3	4	4	5	6	7	8	9	10	10
29	3	4	3	5	5	6	7	8	9	9	11	11
30	3		4	5	6	7	7	9	10	10	11	0
31	4		5		7		8	9		11		1

TABLE 2 (CONTINUED) LUNAR PHASE MU PRIME

YEAR 1877

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	1	3	1	3	3	4	4	6	7	7	8	9
2	2	3	2	3	4	5	5	6	8	8	9	10
3	3	4	3	4	5	6	6	7	8	9	10	10
4	4	5	4	5	5	7	7	8	9	10	11	11
5	5	6	5	6	6	7	8	9	10	10	0	0
6	5	7	5	7	7	8	9	10	11	11	1	1
7	6	7	6	7	8	9	9	11	0	0	1	2
8	7	8	7	8	9	10	10	11	1	1	2	3
9	8	9	8	9	9	11	11	0	1	2	3	3
10	9	10	9	10	10	11	0	1	2	3	4	4
11	10	11	9	11	11	0	1	2	3	3	5	5
12	10	0	10	11	0	1	1	3	4	4	5	6
13	11	0	11	0	1	2	2	3	5	5	6	7
14	0	1	0	1	1	3	3	4	5	6	7	7
15	1	2	1	2	2	3	4	5	6	7	8	8
16	2	3	2	3	3	4	5	6	7	7	9	9
17	2	4	2	4	4	5	5	7	8	8	9	10
18	3	4	3	4	5	6	6	7	9	9	10	11
19	4	5	4	5	6	7	7	8	9	10	11	11
20	5	6	5	6	6	8	8	9	10	11	0	0
21	6	7	6	7	7	8	9	10	11	0	1	1
22	6	8	6	8	8	9	10	11	0	0	2	2
23	7	8	7	8	9	10	10	0	1	1	2	3
24	8	9	8	9	10	11	11	0	2	2	3	4
25	9	10	9	10	10	0	0	1	2	3	4	4
26	10	11	10	11	11	0	1	2	3	4	5	5
27	11	0	10	0	0	1	2	3	4	4	6	6
28	11	1	11	0	1	2	2	4	5	5	6	7
29	0		0	1	2	3	3	4	6	6	7	8
30	1		1	2	2	4	4	5	6	7	8	8
31	2		2		3		5	6		8		9

TABLE 2 (CONTINUED) LUNAR PHASE MU PRIME

YEAR 1878

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	10	11	10	11	0	1	1	2	4	4	5	5
2	11	0	11	0	0	2	2	3	4	5	6	6
3	0	1	0	1	1	2	3	4	5	6	7	7
4	0	2	0	2	2	3	4	5	6	6	8	8
5	1	2	1	2	3	4	4	6	7	7	8	9
6	2	3	2	3	4	5	5	6	8	8	9	10
7	3	4	3	4	4	6	6	7	8	9	10	10
8	4	5	4	5	5	6	7	8	9	10	11	11
9	5	6	4	6	6	7	8	9	10	10	0	0
10	5	7	5	6	7	8	8	10	11	11	0	1
11	6	7	6	7	8	9	9	10	0	0	1	2
12	7	8	7	8	8	10	10	11	0	1	2	2
13	8	9	8	9	9	10	11	0	1	2	3	3
14	9	10	9	10	10	11	0	1	2	2	4	4
15	9	11	9	11	11	0	0	2	3	3	4	5
16	10	11	10	11	0	1	1	3	4	4	5	6
17	11	0	11	0	1	2	2	3	5	5	6	6
18	0	1	0	1	1	3	3	4	5	6	7	7
19	1	2	1	2	2	3	4	5	6	7	8	8
20	1	3	1	3	3	4	5	6	7	7	9	9
21	2	3	2	3	4	5	5	7	8	8	9	10
22	3	4	3	4	5	6	6	7	9	9	10	11
23	4	5	4	5	5	7	7	8	9	10	11	11
24	5	6	5	6	6	7	8	9	10	11	0	0
25	6	7	5	7	7	8	9	10	11	11	1	1
26	6	8	6	7	8	9	9	11	0	0	1	2
27	7	8	7	8	9	10	10	11	1	1	2	3
28	8	9	8	9	9	11	11	0	1	2	3	3
29	9		9	10	10	11	0	1	2	3	4	4
30	10		10	11	11	0	1	2	3	3	5	5
31	10		10		0		2	3		4		6

TABLE 2 (CONTINUED) LUNAR PHASE MU PRIME

YEAR 1879

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	7	8	7	8	8	9	10	11	0	1	2	2
2	7	9	7	9	9	10	11	0	1	1	3	3
3	8	9	8	9	10	11	11	1	2	2	3	4
4	9	10	9	10	11	0	0	1	3	3	4	5
5	10	11	10	11	11	1	1	2	3	4	5	5
6	11	0	11	0	0	1	2	3	4	5	6	6
7	0	1	11	1	1	2	3	4	5	5	7	7
8	0	2	0	1	2	3	3	5	6	6	7	8
9	1	2	1	2	3	4	4	5	7	7	8	9
10	2	3	2	3	3	5	5	6	7	8	9	9
11	3	4	3	4	4	6	6	7	8	9	10	10
12	4	5	4	5	5	6	7	8	9	9	11	11
13	4	6	4	6	6	7	8	9	10	10	11	0
14	5	6	5	6	7	8	8	10	11	11	0	1
15	6	7	6	7	8	9	9	10	0	0	1	1
16	7	8	7	8	8	10	10	11	0	1	2	2
17	8	9	8	9	9	10	11	0	1	2	3	3
18	8	10	8	10	10	11	0	1	2	2	4	4
19	9	10	9	10	11	0	0	2	3	3	4	5
20	10	11	10	11	0	1	1	2	4	4	5	6
21	11	0	11	0	0	2	2	3	4	5	6	6
22	0	1	0	1	1	2	3	4	5	6	7	7
23	1	2	0	2	2	3	4	5	6	6	8	8
24	1	3	1	2	3	4	4	6	7	7	8	9
25	2	3	2	3	4	5	5	6	8	8	9	10
26	3	4	3	4	5	6	6	7	8	9	10	10
27	4	5	4	5	5	7	7	8	9	10	11	11
28	5	6	5	6	6	7	8	9	10	10	0	0
29	5		5	7	7	8	9	10	11	11	0	1
30	6		6	7	8	9	9	11	0	0	1	2
31	7		7		9		10	11		1		2

TABLE 2 (CONTINUED) LUNAR PHASE MU PRIME

YEAR 1880

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	3	4	4	5	6	7	7	8	10	10	11	0
2	4	5	5	6	6	8	8	9	10	11	0	0
3	5	6	6	7	7	8	9	10	11	0	1	1
4	6	7	7	8	8	9	10	11	0	0	2	2
5	7	8	7	9	9	10	10	0	1	1	2	3
6	7	9	8	9	10	11	11	0	2	2	3	4
7	8	9	9	10	11	0	0	1	2	3	4	4
8	9	10	10	11	11	1	1	2	3	4	5	5
9	10	11	11	0	0	1	2	3	4	4	6	6
10	11	0	11	1	1	2	3	4	5	5	6	7
11	11	1	0	1	2	3	3	5	6	6	7	8
12	0	1	1	2	3	4	4	5	7	7	8	9
13	1	2	2	3	3	5	5	6	7	8	9	9
14	2	3	3	4	4	5	6	7	8	9	10	10
15	3	4	3	5	5	6	7	8	9	9	11	11
16	3	5	4	5	6	7	7	9	10	10	11	0
17	4	5	5	6	7	8	8	9	11	11	0	1
18	5	6	6	7	7	9	9	10	11	0	1	1
19	6	7	7	8	8	9	10	11	0	1	2	2
20	7	8	8	9	9	10	11	0	1	1	3	3
21	8	9	8	10	10	11	11	1	2	2	3	4
22	8	10	9	10	11	0	0	1	3	3	4	5
23	9	10	10	11	0	1	1	2	3	4	5	5
24	10	11	11	0	0	2	2	3	4	5	6	6
25	11	0	0	1	1	2	3	4	5	5	7	7
26	0	1	0	2	2	3	4	5	6	6	7	8
27	0	2	1	2	3	4	4	6	7	7	8	9
28	1	2	2	3	4	5	5	6	8	8	9	10
29	2	3	3	4	4	6	6	7	8	9	10	10
30	3		4	5	5	6	7	8	9	10	11	11
31	4		4		6		8	9		10		0

TABLE 2 (CONTINUED) LUNAR PHASE MU PRIME

YEAR 1881

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	1	2	1	2	2	3	4	5	6	7	8	8
2	2	3	2	3	3	4	5	6	7	7	9	9
3	2	4	2	4	4	5	5	7	8	8	9	10
4	3	4	3	4	5	6	6	7	9	9	10	11
5	4	5	4	5	6	7	7	8	9	10	11	11
6	5	6	5	6	6	8	8	9	10	11	0	0
7	6	7	6	7	7	8	9	10	11	0	1	1
8	6	8	6	8	8	9	10	11	0	0	2	2
9	7	8	7	8	9	10	10	0	1	1	2	3
10	8	9	8	9	10	11	11	0	2	2	3	4
11	9	10	9	10	10	0	0	1	2	3	4	4
12	10	11	10	11	11	0	1	2	3	4	5	5
13	11	0	10	0	0	1	2	3	4	4	6	6
14	11	1	11	0	1	2	2	4	5	5	6	7
15	0	1	0	1	2	3	3	4	6	6	7	8
16	1	2	1	2	2	4	4	5	6	7	8	8
17	2	3	2	3	3	4	5	6	7	8	9	9
18	3	4	3	4	4	5	6	7	8	8	10	10
19	3	5	3	5	5	6	6	8	9	9	10	11
20	4	5	4	5	6	7	7	8	10	10	11	0
21	5	6	5	6	7	8	8	9	10	11	0	0
22	6	7	6	7	7	9	9	10	11	0	1	1
23	7	8	7	8	8	9	10	11	0	1	2	2
24	7	9	7	9	9	10	11	0	1	1	3	3
25	8	9	8	9	10	11	11	1	2	2	3	4
26	9	10	9	10	11	0	0	1	3	3	4	5
27	10	11	10	11	11	1	1	2	3	4	5	5
28	11	0	11	0	0	1	2	3	4	5	6	6
29	0		11	1	1	2	3	4	5	5	7	7
30	0		0	1	2	3	3	5	6	6	7	8
31	1		1		3		4	5		7		9

TABLE 2 (CONTINUED) LUNAR PHASE MU PRIME

YEAR 1882

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	9	11	9	11	11	0	0	2	3	3	4	5
2	10	11	10	11	0	1	1	3	4	4	5	6
3	11	0	11	0	1	2	2	3	5	5	6	6
4	0	1	0	1	1	3	3	4	5	6	7	7
5	1	2	1	2	2	3	4	5	6	7	8	8
6	1	3	1	3	3	4	5	6	7	7	9	9
7	2	3	2	3	4	5	5	7	8	8	9	10
8	3	4	3	4	5	6	6	7	9	9	10	11
9	4	5	4	5	5	7	7	8	9	10	11	11
10	5	6	5	6	6	7	8	9	10	11	0	0
11	6	7	5	7	7	8	9	10	11	11	1	1
12	6	8	6	7	8	9	9	11	0	0	1	2
13	7	0	7	8	9	10	10	11	1	1	2	3
14	8	9	8	9	9	11	11	0	1	2	3	3
15	9	10	9	10	10	11	0	1	2	3	4	4
16	10	11	10	11	11	0	1	2	3	3	5	5
17	10	0	10	0	0	1	2	3	4	4	5	6
18	11	0	11	0	1	2	2	4	5	5	6	7
19	0	1	0	1	2	3	3	4	6	6	7	7
20	1	2	1	2	2	4	4	5	6	7	8	8
21	2	3	2	3	3	4	5	6	7	8	9	9
22	2	4	2	4	4	5	6	7	8	8	10	10
23	3	4	3	4	5	6	6	8	9	9	10	11
24	4	5	4	5	6	7	7	8	10	10	11	0
25	5	6	5	6	6	8	8	9	10	11	0	0
26	6	7	6	7	7	8	9	10	11	0	1	1
27	7	8	8	8	8	9	10	11	0	0	2	2
28	7	9	7	8	9	10	10	0	1	1	2	3
29	8		8	9	10	11	11	0	2	2	3	4
30	9		9	10	10	0	0	1	2	3	4	4
31	10		10		11		1	2		4		5

TABLE 2 (CONTINUED) LUNAR PHASE MU PRIME

YEAR 1883

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	6	7	6	7	8	9	9	10	0	0	1	1
2	7	8	7	8	8	10	10	11	0	1	2	2
3	8	9	8	9	9	10	11	0	1	2	3	3
4	8	10	8	10	10	11	0	1	2	2	4	4
5	9	10	9	10	11	0	0	2	3	3	4	5
6	10	11	10	11	0	1	1	2	4	4	5	6
7	11	0	11	0	0	2	2	3	4	5	6	6
8	0	1	0	1	1	2	3	4	5	6	7	7
9	1	2	0	2	2	3	4	5	6	6	8	8
10	1	3	1	2	3	4	4	6	7	7	8	9
11	2	3	2	3	4	5	5	6	8	8	9	10
12	3	4	3	4	5	6	6	7	8	9	10	10
13	4	5	4	5	5	7	7	8	9	10	11	11
14	5	6	5	6	6	7	8	9	10	10	0	0
15	5	7	5	7	7	8	9	10	11	11	0	1
16	6	7	6	7	8	9	9	11	0	0	1	2
17	7	8	7	8	9	10	10	11	1	1	2	2
18	8	9	8	9	9	11	11	0	1	2	3	3
19	9	10	9	10	10	11	0	1	2	3	4	4
20	9	11	9	11	11	0	1	2	3	3	5	5
21	10	11	10	11	0	1	1	3	4	4	5	6
22	11	0	11	0	1	2	2	3	5	5	6	7
23	0	1	0	1	1	3	3	4	5	6	7	7
24	1	2	1	2	2	3	4	5	6	7	8	8
25	2	3	1	3	3	4	5	6	7	7	9	9
26	2	4	2	4	4	5	5	7	8	8	9	10
27	3	4	3	4	5	6	6	7	9	9	10	11
28	4	5	4	5	6	7	7	8	9	10	11	11
29	5		5	6	6	8	8	9	10	11	0	0
30	6		6	7	7	8	9	10	11	11	1	1
31	6		6		8		10	11		0		2

TABLE 2 (CONTINUED) LUNAR PHASE NU PRIME

YEAR 1884

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	3	4	3	5	5	6	7	8	9	9	11	11
2	3	5	4	5	6	7	7	9	10	10	11	0
3	4	5	5	6	7	8	8	9	11	11	0	1
4	5	6	6	7	7	9	9	10	11	0	1	1
5	6	7	7	8	8	9	10	11	0	1	2	2
6	7	8	8	9	9	10	11	0	1	1	3	3
7	8	9	8	10	10	11	11	1	2	2	3	4
8	8	10	9	10	11	0	0	1	3	3	4	5
9	9	10	10	11	0	1	1	2	3	4	5	5
10	10	11	11	0	0	2	2	3	4	5	6	6
11	11	0	0	1	1	2	3	4	5	5	7	7
12	0	1	0	2	2	3	4	5	6	6	7	8
13	0	2	1	2	3	4	4	6	7	7	8	9
14	1	2	2	3	4	5	5	6	8	8	9	10
15	2	3	3	4	4	6	6	7	8	9	10	10
16	3	4	4	5	5	6	7	8	9	10	11	11
17	4	5	4	6	6	7	8	9	10	10	0	0
18	4	6	5	6	7	8	8	10	11	11	0	1
19	5	7	6	7	8	9	9	10	0	0	1	2
20	6	7	7	8	8	10	10	11	0	1	2	2
21	7	8	8	9	9	10	11	0	1	2	3	3
22	8	9	9	10	10	11	0	1	2	2	4	4
23	9	10	9	11	11	0	0	2	3	3	4	5
24	9	11	10	11	0	1	1	2	4	4	5	6
25	10	11	11	0	1	2	2	3	4	5	6	6
26	11	0	0	1	1	3	3	4	5	6	7	7
27	0	1	1	2	2	3	4	5	6	6	8	8
28	1	2	1	3	3	4	5	6	7	7	9	9
29	1	3	2	3	4	5	5	7	8	8	9	10
30	2		3	4	5	6	6	7	9	9	10	11
31	3		4		5		7	8		10		11

TABLE 2 (CONTINUED) LUNAR PHASE NU PRIME

YEAR 1885

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	0	1	0	1	2	3	3	4	6	6	7	8
2	1	2	1	2	2	4	4	5	6	7	8	8
3	2	3	2	3	3	4	5	6	7	8	9	9
4	3	4	3	4	4	5	6	7	8	8	10	10
5	3	5	3	5	5	6	6	8	9	9	10	11
6	4	5	4	5	6	7	7	8	10	10	11	0
7	5	6	5	6	7	8	8	9	11	11	0	0
8	6	7	6	7	7	9	9	10	11	0	1	1
9	7	8	7	8	8	9	10	11	0	1	2	2
10	7	9	7	9	9	10	11	0	1	1	3	3
11	8	9	8	9	10	11	11	1	2	2	3	4
12	9	10	9	10	11	0	0	1	3	3	4	5
13	10	11	10	11	11	1	1	2	3	4	5	5
14	11	0	11	0	0	1	2	3	4	5	6	6
15	0	1	11	1	1	2	3	4	5	5	7	7
16	0	2	0	1	2	3	3	5	6	6	7	8
17	1	2	1	2	3	4	4	5	7	7	8	9
18	2	3	2	3	3	5	5	6	7	8	9	9
19	3	4	3	4	4	5	6	7	8	9	10	10
20	4	5	4	5	5	6	7	8	9	9	11	11
21	4	6	4	6	6	7	7	9	10	10	11	0
22	5	6	5	6	7	8	8	9	11	11	0	1
23	6	7	6	7	8	9	9	10	0	0	1	1
24	7	8	7	8	8	10	10	11	0	1	2	2
25	8	9	8	9	9	10	11	0	1	2	3	3
26	8	10	8	10	10	11	0	1	2	2	4	4
27	9	10	9	10	11	0	0	2	3	3	4	5
28	10	11	10	11	0	1	1	2	4	4	5	6
29	11		11	0	0	2	2	3	4	5	6	6
30	0		0	1	1	2	3	4	5	6	7	7
31	1		0		2		4	5		6		8

TABLE 2 (CONTINUED) LUNAR PHASE MU PRIME

YEAR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	9	10	9	10	10	11	0	1	2	3	4	4
2	10	11	10	11	11	0	1	2	3	3	5	5
3	10	0	10	0	0	1	2	3	4	4	5	6
4	11	0	11	0	1	2	2	4	5	5	6	7
5	0	1	0	1	2	3	3	4	6	6	7	7
6	1	2	1	2	2	4	4	5	6	7	8	8
7	2	3	2	3	3	4	5	6	7	8	9	9
8	2	4	2	4	4	5	6	7	8	8	10	10
9	3	4	3	4	5	6	6	8	9	9	10	11
10	4	5	4	5	6	7	7	8	10	10	11	0
11	5	6	5	6	6	8	8	9	10	11	0	0
12	6	7	6	7	7	8	9	10	11	0	1	1
13	7	8	6	8	8	9	10	11	0	0	2	2
14	7	9	7	8	9	10	10	0	1	1	2	3
15	8	9	8	9	10	11	11	0	2	2	3	4
16	9	10	9	10	10	0	0	1	2	3	4	4
17	10	11	10	11	11	0	1	2	3	4	5	5
18	11	0	11	0	0	1	2	3	4	4	6	6
19	11	1	11	1	1	2	3	4	5	5	6	7
20	0	1	0	1	2	3	3	5	6	6	7	8
21	1	2	1	2	3	4	4	5	7	7	8	8
22	2	3	2	3	3	5	5	6	7	8	9	9
23	3	4	3	4	4	5	6	7	8	9	10	10
24	3	5	3	5	5	6	7	8	9	9	11	11
25	4	5	4	5	6	7	7	9	10	10	11	0
26	5	6	5	6	7	8	8	9	11	11	0	1
27	6	7	6	7	7	9	9	10	11	0	1	1
28	7	8	7	8	8	9	10	11	0	1	2	2
29	8		7	9	9	10	11	0	1	1	3	3
30	8		8	9	10	11	11	1	2	2	3	4
31	9		9		11		0	1		3		5

TABLE 2 (CONTINUED) LUNAR PHASE MU PRIME

YEAR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	5	7	5	7	7	8	9	10	11	11	0	1
2	6	7	6	7	8	9	9	11	0	0	1	2
3	7	8	7	8	9	10	10	11	1	1	2	2
4	8	9	8	9	9	11	11	0	1	2	3	3
5	9	10	9	10	10	11	0	1	2	3	4	4
6	9	11	9	11	11	0	1	2	3	3	5	5
7	10	11	10	11	0	1	1	3	4	4	5	6
8	11	0	11	0	1	2	2	3	5	5	6	7
9	0	1	0	1	1	3	3	4	5	6	7	7
10	1	2	1	2	2	3	4	5	6	7	8	8
11	2	3	1	3	3	4	5	6	7	7	9	9
12	2	4	2	4	4	5	5	7	8	8	9	10
13	3	4	3	4	5	6	6	7	9	9	10	11
14	4	5	4	5	6	7	7	8	9	10	11	11
15	5	6	5	6	6	8	8	9	10	11	0	0
16	6	7	6	7	7	8	9	10	11	0	1	2
17	6	8	6	8	8	9	10	11	0	0	1	2
18	7	8	7	8	9	10	10	0	1	1	2	3
19	8	9	8	9	10	11	11	0	2	2	3	3
20	9	10	9	10	10	0	0	1	2	3	4	4
21	10	11	10	11	11	0	1	2	3	4	5	5
22	10	0	10	0	0	1	2	3	4	4	6	6
23	11	0	11	0	1	2	2	4	5	5	6	7
24	0	1	0	1	2	3	3	4	6	6	7	8
25	1	2	1	2	2	4	4	5	6	7	8	8
26	2	3	2	3	3	4	5	6	7	8	9	9
27	3	4	2	4	4	5	6	7	8	8	10	10
28	3	5	3	5	5	6	6	8	9	9	10	11
29	4		4	5	6	7	7	8	10	10	11	0
30	5		5	6	7	8	8	9	10	11	0	0
31	6		6		7		9	10		0		1

TABLE 2 (CONTINUED) LUNAR PHASE NU PRIME

YEAR 1888

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	2	3	3	4	4	6	6	7	8	9	10	10
2	3	4	4	5	5	6	7	8	9	10	11	11
3	4	5	4	5	6	7	8	9	10	10	0	0
4	4	6	5	6	7	8	8	10	11	11	0	1
5	5	7	6	7	8	9	9	10	0	0	1	2
6	6	7	7	8	8	10	10	11	0	1	2	2
7	7	8	8	9	9	10	11	0	1	2	3	3
8	8	9	9	10	10	11	0	1	2	2	4	4
9	9	10	9	11	11	0	0	2	3	3	4	5
10	9	11	10	11	0	1	1	2	4	4	5	6
11	10	11	11	0	1	2	2	3	4	5	6	6
12	11	0	0	1	1	3	3	4	5	6	7	7
13	0	1	1	2	2	3	4	5	6	7	9	9
14	1	2	1	3	3	4	5	6	7	8	9	10
15	1	3	2	3	4	5	5	7	8	8	9	10
16	2	3	3	4	5	6	6	7	9	9	10	11
17	3	4	4	5	5	7	7	8	9	10	11	11
18	4	5	5	6	6	7	8	9	10	11	0	0
19	5	6	5	7	7	8	9	9	11	11	1	1
20	6	7	6	7	8	9	9	11	0	0	1	2
21	6	8	7	8	9	10	10	11	1	1	2	3
22	7	8	8	9	9	11	11	0	1	2	3	3
23	8	9	9	10	10	11	0	1	2	3	4	4
24	9	10	10	11	11	0	1	2	3	3	5	5
25	10	11	10	0	0	1	1	3	4	4	5	6
26	10	0	11	0	1	2	2	3	5	5	6	7
27	11	0	0	1	2	3	3	4	5	6	7	7
28	0	1	1	2	2	4	4	5	6	7	8	8
29	1	2	2	3	3	4	5	6	7	7	9	9
30	2		2	4	4	5	6	7	8	8	10	10
31	2		3		5		6	8		9		11

TABLE 2 (CONTINUED) LUNAR PHASE NU PRIME

YEAR 1889

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	0	1	11	1	1	2	3	4	5	5	7	7
2	0	2	0	1	2	3	3	5	6	6	7	8
3	1	2	1	2	3	4	4	5	7	7	8	9
4	2	3	2	3	3	5	5	6	7	8	9	9
5	3	4	3	4	4	5	6	7	8	9	10	10
6	4	5	4	5	5	6	7	8	9	9	11	11
7	4	6	4	6	6	7	7	9	10	10	11	0
8	5	6	5	6	7	8	8	9	11	11	0	1
9	6	7	6	7	8	9	9	10	0	0	1	1
10	7	8	7	8	8	10	10	11	0	1	2	2
11	8	9	8	9	9	10	11	0	1	2	3	3
12	8	10	8	10	10	11	0	1	2	2	4	4
13	9	10	9	10	11	0	0	2	3	3	4	5
14	10	11	10	11	0	1	1	2	4	4	5	6
15	11	0	11	0	0	2	2	3	4	5	6	6
16	0	1	0	1	1	2	3	4	5	6	7	7
17	1	2	0	2	2	3	4	5	6	6	8	8
18	1	3	1	2	3	4	4	6	7	7	8	9
19	2	3	2	3	4	5	5	6	8	8	9	10
20	3	4	3	4	4	6	6	7	8	9	10	10
21	4	5	4	5	5	6	7	8	9	10	11	11
22	5	6	5	6	6	7	8	9	10	10	0	0
23	5	7	5	7	7	8	8	10	11	11	0	1
24	6	7	6	7	8	9	9	11	0	0	1	2
25	7	8	7	8	9	10	10	11	1	1	2	2
26	8	9	8	9	9	11	11	0	1	2	3	3
27	9	10	9	10	10	11	0	1	2	3	4	4
28	9	11	9	11	11	0	1	2	3	3	5	5
29	10		10	11	0	1	1	3	4	4	5	6
30	11		11	0	1	2	2	3	5	5	6	7
31	0		0		1		3	4		6		

TABLE 2 (CONTINUED) LUNAR PHASE MU PRIME

YEAR 1890

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	8	9	8	9	10	11	11	0	2	2	3	4
2	9	10	9	10	10	0	0	1	2	3	4	4
3	10	11	10	11	11	0	1	2	3	4	5	5
4	11	0	11	0	0	1	2	3	4	4	6	6
5	11	1	11	1	1	2	3	4	5	5	6	7
6	0	1	0	1	2	3	3	5	6	6	7	8
7	1	2	1	2	3	4	4	5	7	7	8	8
8	2	3	2	3	3	5	5	6	7	8	9	9
9	3	4	3	4	4	5	6	7	8	9	10	10
10	3	5	3	5	5	6	7	8	9	9	11	11
11	4	5	4	5	6	7	7	9	10	10	11	0
12	5	6	5	6	7	8	8	9	11	11	0	1
13	6	7	6	7	7	9	9	10	11	0	1	1
14	7	8	7	8	8	9	10	11	0	1	2	2
15	8	9	7	9	9	10	11	0	1	1	3	3
16	8	10	8	9	10	11	11	1	2	2	3	4
17	9	10	9	10	11	0	0	1	3	3	4	5
18	10	11	10	11	11	1	1	2	3	4	5	5
19	11	0	11	0	0	2	2	3	4	5	6	6
20	0	1	0	1	1	2	3	4	5	5	7	7
21	0	2	0	2	2	3	4	5	6	6	7	8
22	1	2	1	2	3	4	4	6	7	7	8	9
23	2	3	2	3	4	5	5	6	8	8	9	9
24	3	4	3	4	4	6	6	7	8	9	10	10
25	4	5	4	5	5	6	7	8	9	10	11	11
26	4	6	4	6	6	7	8	9	10	10	0	0
27	5	6	5	6	7	8	8	10	11	11	0	1
28	6	7	6	7	8	9	9	10	0	0	1	2
29	7		7	8	8	10	10	11	0	1	2	2
30	8		8	9	9	10	11	0	1	2	3	3
31	9		8		10		0	1		2		4

TABLE 2 (CONTINUED) LUNAR PHASE MU PRIME

YEAR 1891

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	5	6	5	6	6	8	8	9	10	11	0	0
2	6	7	6	7	7	8	9	10	11	11	1	1
3	6	8	6	8	8	9	10	11	0	0	1	2
4	7	8	7	8	9	10	10	0	1	1	2	3
5	8	9	8	9	10	11	11	0	2	2	3	3
6	9	10	9	10	10	0	0	1	2	3	4	4
7	10	11	10	11	11	0	1	2	3	4	5	5
8	10	0	10	0	0	1	2	3	4	4	6	6
9	11	0	11	0	1	2	2	4	5	5	6	7
10	0	1	0	1	2	3	3	4	6	6	7	8
11	1	2	1	2	2	4	4	5	6	7	8	8
12	2	3	2	3	3	4	5	6	7	8	9	9
13	3	4	2	4	4	5	6	7	8	8	10	10
14	3	5	3	5	5	6	6	8	9	9	10	11
15	4	5	4	5	6	7	7	8	10	10	11	0
16	5	6	5	6	7	8	8	9	10	11	0	0
17	6	7	6	7	7	9	9	10	11	0	1	1
18	7	8	7	8	8	9	10	11	0	0	2	2
19	7	9	7	9	9	10	11	0	1	1	2	3
20	8	9	8	9	10	11	11	1	2	2	3	4
21	9	10	9	10	11	0	0	1	3	3	4	4
22	10	11	10	11	11	1	1	2	3	4	5	5
23	11	0	11	0	0	1	2	3	4	5	6	6
24	11	1	11	1	1	2	3	4	5	5	7	7
25	0	1	0	1	2	3	3	5	6	6	7	8
26	1	2	1	2	3	4	4	5	7	7	8	9
27	2	3	2	3	3	5	5	6	7	8	9	9
28	3	4	3	4	4	5	6	7	8	9	10	10
29	4		4	5	5	6	7	8	9	9	11	11
30	4		4	6	6	7	7	9	10	10	11	0
31	5		5		7		8	9		11		1

TABLE 2 (CONTINUED) LUNAR PHASE NU PRIME

YEAR 1892

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	1	3	2	3	4	5	5	7	8	8	9	10
2	2	3	3	4	5	6	6	7	9	9	10	11
3	3	4	4	5	5	7	7	8	9	10	11	11
4	4	5	5	6	6	7	8	9	10	11	0	0
5	5	6	5	7	7	8	9	10	11	11	1	1
6	6	7	6	7	8	9	9	11	0	0	1	2
7	6	8	7	8	9	10	10	11	1	1	2	3
8	7	8	8	9	9	11	11	0	1	2	3	3
9	8	9	9	10	10	11	0	1	2	3	4	4
10	9	10	10	11	11	0	1	2	3	3	5	5
11	10	11	10	0	0	1	1	3	4	4	5	6
12	10	0	11	0	1	2	2	3	5	5	6	7
13	11	0	0	1	2	3	3	4	5	6	7	7
14	0	1	1	2	2	4	4	5	6	7	8	8
15	1	2	2	3	3	4	5	6	7	7	9	9
16	2	3	2	4	4	5	6	7	8	8	10	10
17	2	4	3	4	5	6	6	8	9	9	10	11
18	3	4	4	5	6	7	7	8	10	10	11	0
19	4	5	5	6	6	8	8	9	10	11	0	0
20	5	6	6	7	7	8	9	10	11	0	1	1
21	6	7	6	8	8	9	10	11	0	0	2	2
22	7	8	7	8	9	10	10	0	1	1	2	3
23	7	9	8	9	10	11	11	0	2	2	3	4
24	8	9	9	10	10	0	0	1	2	3	4	4
25	9	10	10	11	11	0	1	2	3	4	5	5
26	10	11	11	0	0	1	2	3	4	4	6	6
27	11	0	11	1	1	2	2	4	5	5	6	7
28	11	1	0	1	2	3	3	4	6	6	7	8
29	0	1	1	2	3	4	4	5	6	7	8	8
30	1		2	3	3	5	5	6	7	8	9	9
31	2		3		4		6	7		9		10

TABLE 2 (CONTINUED) LUNAR PHASE NU PRIME

YEAR 1893

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	11	0	11	0	0	2	2	3	4	5	6	6
2	0	1	0	1	1	2	3	4	5	6	7	7
3	1	2	0	2	2	3	4	5	6	6	8	8
4	1	3	1	2	3	4	4	6	7	7	8	9
5	2	3	2	3	4	5	5	6	8	8	9	10
6	3	4	3	4	4	6	6	7	8	9	10	10
7	4	5	4	5	5	6	7	8	9	10	11	11
8	5	6	5	6	6	7	8	9	10	10	0	0
9	5	7	5	7	7	8	8	10	11	11	0	1
10	6	7	6	7	8	9	9	11	0	0	1	2
11	7	8	7	8	9	10	10	11	1	1	2	2
12	8	9	8	9	9	11	11	0	1	2	3	3
13	9	10	9	10	10	11	0	1	2	3	4	4
14	9	11	9	11	11	0	1	2	3	3	5	5
15	10	11	10	11	0	1	1	3	4	4	5	6
16	11	0	11	0	1	2	2	3	5	5	6	7
17	0	1	0	1	1	3	3	4	5	6	7	7
18	1	2	1	2	2	3	4	5	6	7	8	8
19	2	3	1	3	3	4	5	6	7	7	9	9
20	2	4	2	3	4	5	5	7	8	8	9	10
21	3	4	3	4	5	6	6	7	9	9	10	11
22	4	5	4	5	5	7	7	8	9	10	11	11
23	5	6	5	6	6	7	8	9	10	11	0	0
24	6	7	6	7	7	8	9	10	11	11	1	1
25	6	8	6	8	8	9	9	11	0	0	1	2
26	7	8	7	8	9	10	10	0	1	1	2	3
27	8	9	8	9	10	11	11	0	2	2	3	3
28	9	10	9	10	10	0	0	1	2	3	4	4
29	10		10	11	11	0	1	2	3	4	5	5
30	10		10	0	0	1	2	3	4	4	6	6
31	11		11		1		2	4		5		7

TABLE 2 (CONTINUED) LUNAR PHASE MU PRIME

YEAR 1894

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	8	9	7	9	9	10	11	0	1	1	3	3
2	8	10	8	9	10	11	11	1	2	2	3	4
3	9	10	9	10	11	0	0	1	3	3	4	5
4	10	11	10	11	11	1	1	2	3	4	5	5
5	11	0	11	0	0	2	2	3	4	5	6	6
6	0	1	0	1	1	2	3	4	5	5	7	7
7	0	2	0	2	2	3	4	5	6	6	7	8
8	1	2	1	2	3	4	4	6	7	7	8	9
9	2	3	2	3	4	5	5	6	8	8	9	9
10	3	4	3	4	4	6	6	7	8	9	10	10
11	4	5	4	5	5	6	7	8	9	10	11	11
12	4	6	4	6	6	7	8	9	10	10	0	0
13	5	6	5	6	7	8	8	10	11	11	0	1
14	6	7	6	7	8	9	9	10	0	0	1	2
15	7	8	7	8	8	10	10	11	0	1	2	2
16	8	9	8	9	9	10	11	0	1	2	3	3
17	9	10	8	10	10	11	0	1	2	2	4	4
18	9	11	9	10	11	0	0	2	3	3	4	5
19	10	11	10	11	0	1	1	2	4	4	5	6
20	11	0	11	0	1	2	2	3	4	5	6	6
21	0	1	0	1	1	3	3	4	5	6	7	7
22	1	2	1	2	2	3	4	5	6	6	8	8
23	1	3	1	3	3	4	5	6	7	7	8	9
24	2	3	2	3	4	5	5	7	8	8	9	10
25	3	4	3	4	5	6	6	7	9	9	10	10
26	4	5	4	5	5	7	7	8	9	10	11	11
27	5	6	5	6	6	7	8	9	10	11	0	0
28	5	7	5	7	7	8	9	10	11	11	1	1
29	6		6	7	8	9	9	11	0	0	1	2
30	7		7	8	9	10	10	11	1	1	2	3
31	8		8		9		11	0		2		3

TABLE 2 (CONTINUED) LUNAR PHASE MU PRIME

YEAR 1895

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	4	5	4	5	6	7	7	8	10	10	11	0
2	5	6	5	6	7	8	8	9	10	11	0	0
3	6	7	6	7	7	9	9	10	11	0	1	1
4	7	8	7	8	8	9	10	11	0	0	2	2
5	7	9	7	9	9	10	11	0	1	1	2	3
6	8	9	8	9	10	11	11	1	2	2	3	4
7	9	10	9	10	11	0	0	1	3	3	4	4
8	10	11	10	11	11	1	1	2	3	4	5	5
9	11	0	11	0	0	1	2	3	4	5	6	6
10	11	1	11	1	1	2	3	4	5	5	7	7
11	0	1	0	1	2	3	3	5	6	6	7	8
12	1	2	1	2	3	4	4	5	7	7	8	9
13	2	3	2	3	3	5	5	6	7	8	9	9
14	3	4	3	4	4	5	6	7	8	9	10	10
15	4	5	4	5	5	6	7	8	9	9	11	11
16	4	6	4	6	6	7	7	9	10	10	11	0
17	5	6	5	6	7	8	8	9	11	11	0	1
18	6	7	6	7	8	9	9	10	11	0	1	1
19	7	8	7	8	8	10	10	11	0	1	2	2
20	8	9	8	9	9	10	11	0	1	1	3	3
21	8	10	8	10	10	11	0	1	2	2	3	4
22	9	10	9	10	11	0	0	2	3	3	4	5
23	10	11	10	11	0	1	1	2	4	4	5	6
24	11	0	11	0	0	2	2	3	4	5	6	6
25	0	1	0	1	1	2	3	4	5	6	7	7
26	0	2	0	2	2	3	4	5	6	6	8	8
27	1	2	1	2	3	4	4	6	7	7	8	9
28	2	3	2	3	4	5	5	6	8	8	9	10
29	3		3	4	4	6	6	7	8	9	10	10
30	4		4	5	5	6	7	8	9	10	11	11
31	5		5		6		8	9		10		0

TABLE 2 (CONTINUED) LUNAR PHASE NU PRIME

YEAR 1896

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	1	2	2	3	3	4	5	6	7	8	9	9
2	2	3	2	4	4	5	6	7	8	8	10	10
3	2	4	3	4	5	6	6	8	9	9	10	11
4	3	4	4	5	6	7	7	8	10	10	11	0
5	4	5	5	6	6	8	8	9	10	11	0	0
6	5	6	6	7	7	8	9	10	11	0	1	1
7	6	7	6	8	8	9	10	11	0	0	2	2
8	7	8	7	8	9	10	10	0	1	1	2	3
9	7	9	8	9	10	11	11	0	2	2	3	4
10	8	9	9	10	10	0	0	1	2	3	4	4
11	9	10	10	11	11	0	1	2	3	4	5	5
12	10	11	11	0	0	1	2	3	4	4	6	6
13	11	0	11	1	1	2	2	4	5	5	6	7
14	11	1	0	1	2	3	3	4	6	6	7	8
15	0	1	1	2	3	4	4	5	6	7	8	8
16	1	2	2	3	3	5	5	6	7	8	9	9
17	2	3	3	4	4	5	6	7	8	9	10	10
18	3	4	3	5	5	6	7	8	9	9	11	11
19	3	5	4	5	6	7	7	9	10	10	11	0
20	4	5	5	6	7	8	8	9	11	11	0	1
21	5	6	6	7	7	9	9	10	11	0	1	1
22	6	7	7	8	8	9	10	11	0	1	2	2
23	7	8	7	9	9	10	11	0	1	1	3	3
24	8	9	8	9	10	11	11	1	2	2	3	4
25	8	10	9	10	11	0	0	1	3	3	4	5
26	9	10	10	11	11	1	1	2	3	4	5	5
27	10	11	11	0	0	1	2	3	4	5	6	6
28	11	0	0	1	1	2	3	4	5	5	7	7
29	0	1	0	2	2	3	3	5	6	6	7	8
30	0		1	2	3	4	4	5	7	7	8	9
31	1		2		4		5	6		8		9

TABLE 2 (CONTINUED) LUNAR PHASE NU PRIME

YEAR 1897

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	10	11	10	11	0	1	1	3	4	4	5	6
2	11	0	11	0	1	2	2	3	5	5	6	7
3	0	1	0	1	1	3	3	4	5	6	7	7
4	1	2	1	2	2	3	4	5	6	7	8	8
5	2	3	1	3	3	4	5	6	7	7	9	9
6	2	4	2	3	4	5	5	7	8	8	9	10
7	3	4	3	4	5	6	6	7	9	9	10	11
8	4	5	4	5	5	7	7	8	9	10	11	11
9	5	6	5	6	6	7	8	9	10	11	0	0
10	6	7	6	7	7	8	9	10	11	11	1	1
11	6	8	6	8	8	9	9	11	0	0	1	2
12	7	8	7	8	9	10	10	0	1	1	2	3
13	8	9	8	9	10	11	11	0	2	2	3	3
14	9	10	9	10	10	0	0	1	2	3	4	4
15	10	11	10	11	11	0	1	2	3	4	5	5
16	10	0	10	0	0	1	2	3	4	4	6	6
17	11	0	11	0	1	2	2	4	5	5	6	7
18	0	1	0	1	2	3	3	4	6	6	7	8
19	1	2	1	2	2	4	4	5	6	7	8	8
20	2	3	2	3	3	4	5	6	7	8	9	9
21	3	4	2	4	4	5	6	7	8	8	10	10
22	3	5	3	4	5	6	6	8	9	9	10	11
23	4	5	4	5	6	7	7	8	10	10	11	0
24	5	6	5	6	6	8	8	9	10	11	0	0
25	6	7	6	7	7	8	9	10	11	0	1	1
26	7	8	7	8	8	9	10	11	0	0	2	2
27	7	9	7	9	9	10	11	0	1	1	2	3
28	8	9	8	9	10	11	11	1	2	2	3	4
29	9		9	10	11	0	0	1	3	3	4	4
30	10		10	11	11	1	1	2	3	4	5	5
31	11		11		0		2	3		5		6

TABLE 2 (CONTINUED) LUNAR PHASE MU PRIME

YEAR 1898

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	7	8	7	8	8	10	10	11	0	1	2	2
2	8	9	8	9	9	10	11	0	1	2	3	3
3	9	10	8	10	10	11	0	1	2	2	4	4
4	9	11	9	10	11	0	0	2	3	3	4	5
5	10	11	10	11	0	1	1	2	4	4	5	6
6	11	0	11	0	1	2	2	3	4	5	6	6
7	0	1	0	1	1	3	3	4	5	6	7	7
8	1	2	1	2	2	3	4	5	6	6	8	8
9	1	3	1	3	3	4	5	6	7	7	8	9
10	2	3	2	3	4	5	5	7	8	8	9	10
11	3	4	3	4	5	6	6	7	9	9	10	10
12	4	5	4	5	5	7	7	8	9	10	11	11
13	5	5	5	6	6	7	8	9	10	11	0	0
14	5	7	5	7	7	8	9	10	11	11	1	1
15	6	7	6	7	8	9	9	11	0	0	1	2
16	7	8	7	8	9	10	10	11	1	1	2	3
17	8	9	8	9	9	11	11	0	1	2	3	3
18	9	10	9	10	10	11	0	1	2	3	4	4
19	10	11	9	11	11	0	1	2	3	3	5	5
20	10	0	10	11	0	1	1	3	4	4	5	6
21	11	0	11	0	1	2	2	3	5	5	6	7
22	0	1	0	1	2	3	3	4	5	6	7	7
23	1	2	1	2	2	4	4	5	6	7	8	8
24	2	3	2	3	3	4	5	6	7	7	9	9
25	2	4	2	4	4	5	6	7	8	8	9	10
26	3	4	3	4	5	6	6	8	9	9	10	11
27	4	5	4	5	6	7	7	8	10	10	11	11
28	5	6	5	6	6	8	8	9	10	11	0	0
29	6		6	7	7	8	9	10	11	0	1	1
30	6		6	8	8	9	10	11	0	0	2	2
31	7		7		9		10	0		1		3

TABLE 2 (CONTINUED) LUNAR PHASE MU PRIME

YEAR 1899

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	4	5	4	5	5	6	7	8	9	9	11	11
2	4	6	4	6	6	7	7	9	10	10	11	0
3	5	6	5	6	7	8	8	9	11	11	0	1
4	6	7	6	7	8	9	9	10	11	0	1	1
5	7	8	7	8	8	10	10	11	0	1	2	2
6	8	9	8	9	9	10	11	0	1	1	3	3
7	8	10	8	10	10	11	0	1	2	2	3	4
8	9	10	9	10	11	0	0	2	3	3	4	5
9	10	11	10	11	0	1	1	2	4	4	5	6
10	11	0	11	0	0	2	2	3	4	5	6	6
11	0	1	0	1	1	2	3	4	5	6	7	7
12	0	2	0	2	2	3	4	5	6	6	8	8
13	1	3	1	2	3	4	4	6	7	7	8	9
14	2	3	2	3	4	5	5	6	8	8	9	10
15	3	4	3	4	4	6	6	7	8	9	10	10
16	4	5	4	5	5	6	7	8	9	10	11	11
17	5	6	5	6	6	7	8	9	10	10	0	0
18	5	7	5	7	7	8	8	10	11	11	0	1
19	6	7	6	7	8	9	9	10	0	0	1	2
20	7	8	7	8	9	10	10	11	0	1	2	2
21	8	9	8	9	9	11	11	0	1	2	3	3
22	9	10	9	10	10	11	0	1	2	3	4	5
23	9	11	9	11	11	0	1	2	3	3	4	5
24	10	11	10	11	0	1	1	3	4	4	5	6
25	11	0	11	0	1	2	2	3	5	5	6	7
26	0	1	0	1	1	3	3	4	5	6	7	7
27	1	2	1	2	2	3	4	5	6	7	8	8
28	1	3	1	3	3	4	5	6	7	7	9	9
29	2		2	3	4	5	5	7	8	8	9	10
30	3		3	4	5	6	6	7	9	9	10	11
31	4		4		5		7	8		10		11

TABLE 2 (CONTINUED) LUNAR PHASE NU PRIME

YEAR 1900

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	0	1	0	1	2	3	3	4	6	6	7	8
2	1	2	1	2	3	4	4	5	6	7	8	8
3	2	3	2	3	3	5	5	6	7	8	9	9
4	3	4	3	4	4	5	6	7	8	9	10	10
5	3	5	3	5	5	6	7	8	9	9	11	11
6	4	5	4	5	6	7	7	9	10	10	11	0
7	5	6	5	6	7	8	8	9	11	11	0	1
8	6	7	6	7	7	9	9	10	11	0	1	1
9	7	8	7	8	8	9	10	11	0	1	2	2
10	8	9	7	9	9	10	11	0	1	1	3	3
11	8	10	8	9	10	11	11	1	2	2	3	4
12	9	10	9	10	11	0	0	1	3	3	4	5
13	10	11	10	11	11	1	1	2	3	4	5	5
14	11	0	11	0	0	1	2	3	4	5	6	6
15	0	1	0	1	1	2	3	4	5	5	7	7
16	0	2	0	2	2	3	3	5	6	6	7	8
17	1	2	1	2	3	4	4	5	7	7	8	9
18	2	3	2	3	4	5	5	6	8	8	9	9
19	3	4	3	4	4	6	6	7	8	9	10	10
20	4	5	4	5	5	6	7	8	9	10	11	11
21	4	6	4	6	6	7	8	9	10	10	0	0
22	5	6	5	6	7	8	8	10	11	11	0	1
23	6	7	6	7	8	9	9	10	0	0	1	2
24	7	8	7	8	8	10	10	11	0	1	2	2
25	8	9	8	9	9	10	11	0	1	2	3	3
26	9	10	8	10	10	11	0	1	2	2	4	4
27	9	11	9	10	11	0	0	2	3	3	4	5
28	10	11	10	11	0	1	1	2	4	4	5	6
29	11		11	0	0	2	2	3	4	5	6	6
30	0		0	1	1	2	3	4	5	6	7	7
31	1		1		2		4	5		6		8

TABLE 2 (CONTINUED) LUNAR PHASE NU PRIME

YEAR 1901

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	9	10	9	10	10	0	0	1	2	3	4	4
2	10	11	10	11	11	0	1	2	3	4	5	5
3	10	0	10	0	0	1	2	3	4	4	6	6
4	11	0	11	0	1	2	2	4	5	5	6	7
5	0	1	0	1	2	3	3	4	6	6	7	8
6	1	2	1	2	2	4	4	5	6	7	8	8
7	2	3	2	3	3	4	5	6	7	8	9	9
8	3	4	2	4	4	5	6	7	8	8	10	10
9	3	5	3	4	5	6	6	8	9	9	10	11
10	4	5	4	5	6	7	7	8	10	10	11	0
11	5	6	5	6	6	8	8	9	10	11	0	0
12	6	7	6	7	7	8	9	10	11	0	1	1
13	7	8	7	8	8	9	10	11	0	0	2	2
14	7	9	7	9	9	10	11	0	1	1	2	3
15	8	9	8	9	10	11	11	1	2	2	3	4
16	9	10	9	10	11	0	0	1	3	3	4	4
17	10	11	10	11	11	1	1	2	3	4	5	5
18	11	0	11	0	0	1	2	3	4	5	6	6
19	11	1	11	1	1	2	3	4	5	5	7	7
20	0	1	0	1	2	3	3	5	6	6	7	8
21	1	2	1	2	3	4	4	5	7	7	8	9
22	2	3	2	3	3	5	5	6	7	8	9	9
23	3	4	3	4	4	5	6	7	8	9	10	10
24	4	5	3	5	5	6	7	8	9	9	11	11
25	4	6	4	5	6	7	7	9	10	10	11	0
26	5	6	5	6	7	8	8	9	11	11	0	1
27	6	7	6	7	7	9	9	10	11	0	1	1
28	7	8	7	8	8	10	10	11	0	1	2	2
29	8		8	9	9	10	11	0	1	1	3	3
30	8		8	10	10	11	0	1	2	2	3	4
31	9		9		11		0	2		3		5

TABLE 2 (CONTINUED) LUNAR PHASE NU PRIME

YEAR 1902

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	5	7	5	7	7	8	9	10	11	11	1	1
2	6	7	6	7	8	9	9	11	0	0	1	2
3	7	8	7	8	9	10	10	11	1	1	2	3
4	8	9	8	9	9	11	11	0	1	2	3	3
5	9	10	9	10	10	11	0	1	2	3	4	4
6	10	11	9	11	11	0	1	2	3	3	5	5
7	10	0	10	11	0	1	1	3	4	4	5	6
8	11	0	11	0	1	2	2	3	5	5	6	7
9	0	1	0	1	2	3	3	4	5	6	7	7
10	1	2	1	2	2	4	4	5	6	7	8	8
11	2	3	2	3	3	4	5	6	7	7	9	9
12	2	4	2	4	4	5	6	7	8	8	9	10
13	3	4	3	4	5	6	6	8	9	9	10	11
14	4	5	4	5	6	7	7	8	10	10	11	11
15	5	6	5	6	6	8	8	9	10	11	0	0
16	6	7	6	7	7	8	9	10	11	0	1	1
17	6	8	6	8	8	9	10	11	0	0	2	2
18	7	8	7	8	9	10	10	0	1	1	2	3
19	8	9	8	9	10	11	11	0	2	2	3	4
20	9	10	9	10	10	0	0	1	2	3	4	4
21	10	11	10	11	11	0	1	2	3	4	5	5
22	11	0	10	0	0	1	2	3	4	4	6	6
23	11	1	11	1	1	2	2	4	5	5	6	7
24	0	1	0	1	2	3	3	4	6	6	7	8
25	1	2	1	2	3	4	4	5	6	7	8	8
26	2	3	2	3	3	5	5	6	7	8	9	9
27	3	4	3	4	4	5	6	7	8	8	10	10
28	3	5	3	5	5	6	7	8	9	9	10	11
29	4		4	5	6	7	7	9	10	10	11	0
30	5		5	6	7	8	8	9	11	11	0	0
31	6		6		7		9	10		0		1

TABLE 2 (CONTINUED) LUNAR PHASE NU PRIME

YEAR 1903

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	2	3	2	3	4	5	5	6	8	8	9	10
2	3	4	3	4	4	6	6	7	8	9	10	10
3	4	5	4	5	5	6	7	8	9	10	11	11
4	5	6	5	6	6	7	8	9	10	10	0	0
5	5	7	5	7	7	8	8	10	11	11	0	1
6	6	7	6	7	8	9	9	10	0	0	1	2
7	7	8	7	8	9	10	10	11	0	1	2	2
8	8	9	8	9	9	11	11	0	1	2	3	3
9	9	10	9	10	10	11	0	1	2	2	4	4
10	9	11	9	11	11	0	1	2	3	3	5	5
11	10	11	10	11	0	1	1	3	4	4	5	6
12	11	0	11	0	1	2	2	3	5	5	6	7
13	0	1	0	1	1	3	3	4	5	6	7	7
14	1	2	1	2	2	3	4	5	6	7	8	8
15	1	3	1	3	3	4	5	6	7	7	9	9
16	2	4	2	3	4	5	5	7	8	8	9	10
17	3	4	3	4	5	6	6	7	9	9	10	11
18	4	5	4	5	5	7	7	8	9	10	11	11
19	5	6	5	6	6	7	8	9	10	11	0	0
20	6	7	6	7	7	8	9	10	11	11	1	1
21	6	8	6	8	8	9	9	11	0	0	1	2
22	7	8	7	8	9	10	10	11	1	1	2	3
23	8	9	8	9	10	11	11	0	1	2	3	3
24	9	10	9	10	10	0	0	1	2	3	4	4
25	10	11	10	11	11	0	1	2	3	3	5	5
26	10	0	10	0	0	1	2	3	4	4	6	6
27	11	0	11	0	1	2	2	4	5	5	6	7
28	0	1	0	1	2	3	3	4	6	6	7	8
29	1		1	2	2	4	4	5	6	7	8	8
30	2		2	3	3	4	5	6	7	8	9	9
31	3		2		4		6	7		8		10

TABLE 2 (CONTINUED) LUNAR PHASE NU PRIME

YEAR 1904

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	11	0	0	1	1	2	3	4	5	5	7	7
2	0	1	0	2	2	3	3	5	6	6	7	8
3	0	2	1	2	3	4	4	5	7	7	8	9
4	1	2	2	3	4	5	5	6	8	8	9	9
5	2	3	3	4	4	6	6	7	8	9	10	10
6	3	4	4	5	5	6	7	8	9	10	11	11
7	4	5	4	6	6	7	8	9	10	10	0	0
8	4	6	5	6	7	8	8	10	11	11	0	1
9	5	6	6	7	8	9	9	10	0	0	1	2
10	6	7	7	8	8	10	10	11	0	1	2	2
11	7	8	8	9	9	10	11	0	1	2	3	3
12	8	9	8	10	10	11	0	1	2	2	4	4
13	9	10	9	10	11	0	0	2	3	3	4	5
14	9	11	10	11	0	1	1	2	4	4	5	6
15	10	11	11	0	0	2	2	3	4	5	6	6
16	11	0	0	1	1	2	3	4	5	6	7	7
17	0	1	1	2	2	3	4	5	6	6	8	8
18	1	2	1	3	3	4	4	6	7	7	8	9
19	1	3	2	3	4	5	5	6	8	8	9	10
20	2	3	3	4	5	6	6	7	9	9	10	10
21	3	4	4	5	5	7	7	8	9	10	11	11
22	4	5	5	6	6	7	8	9	10	11	0	0
23	5	6	5	7	7	8	9	10	11	11	1	1
24	5	7	6	7	8	9	9	11	0	0	1	2
25	6	7	7	8	9	10	10	11	1	1	2	3
26	7	8	8	9	9	11	11	0	1	2	3	3
27	8	9	9	10	10	11	0	1	2	3	4	4
28	9	10	9	11	11	0	1	2	3	3	5	5
29	10	11	10	11	0	1	1	3	4	4	5	6
30	10		11	0	1	2	2	3	5	5	6	7
31	11		0		1		3	4		6		7

TABLE 2 (CONTINUED) LUNAR PHASE NU PRIME

YEAR 1905

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	8	9	8	9	10	11	11	1	2	2	3	4
2	9	10	9	10	11	0	0	1	3	3	4	4
3	10	11	10	11	11	1	1	2	3	4	5	5
4	11	0	11	0	0	1	2	3	4	5	6	6
5	11	1	11	1	1	2	3	4	5	5	7	7
6	0	1	0	1	2	3	3	5	6	6	7	8
7	1	2	1	2	3	4	4	5	7	7	8	9
8	2	3	2	3	3	5	5	6	7	8	9	9
9	3	4	3	4	4	5	6	7	8	9	10	10
10	4	5	3	5	5	6	7	8	9	9	11	11
11	4	6	4	5	6	7	7	9	10	10	11	0
12	5	6	5	6	7	8	8	9	11	11	0	1
13	6	7	6	7	7	9	9	10	11	0	1	1
14	7	8	7	8	8	10	10	11	0	1	2	2
15	8	9	8	9	9	10	11	0	1	1	3	3
16	8	10	8	10	10	11	0	1	2	2	3	4
17	9	10	9	10	11	0	0	2	3	3	4	5
18	10	11	10	11	0	1	1	2	4	4	5	5
19	11	0	11	0	0	2	2	3	4	5	6	6
20	0	1	0	1	1	2	3	4	5	6	7	7
21	0	2	0	2	2	3	4	5	6	6	8	8
22	1	2	1	2	3	4	4	6	7	7	8	9
23	2	3	2	3	4	5	5	6	8	8	9	10
24	3	4	3	4	4	6	6	7	8	9	10	10
25	4	5	4	5	5	6	7	8	9	10	11	11
26	5	6	4	6	6	7	8	9	10	10	0	0
27	5	7	5	6	7	8	8	10	11	11	0	1
28	6	7	6	7	8	9	9	10	0	0	1	2
29	7		7	8	8	10	10	11	0	1	2	2
30	8		8	9	9	11	11	0	1	2	3	3
31	9		9		10		0	1		2		4

TABLE 2 (CONTINUED) LUNAR PHASE MU PRIME

YEAR 1906

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	5	6	5	6	6	8	8	9	10	11	0	0
2	6	7	6	7	7	8	9	10	11	0	1	1
3	6	8	6	8	8	9	10	11	0	0	2	2
4	7	8	7	8	9	10	10	0	1	1	2	3
5	8	9	8	9	10	11	11	0	2	2	3	4
6	9	10	9	10	10	0	0	1	2	3	4	4
7	10	11	10	11	11	0	1	2	3	4	5	5
8	11	0	10	0	0	1	2	3	4	4	6	6
9	11	1	11	1	1	2	2	4	5	5	6	7
10	0	1	0	1	2	3	3	4	6	6	7	8
11	1	2	1	2	3	4	4	5	6	7	8	8
12	2	3	2	3	3	5	5	6	7	8	9	9
13	3	4	3	4	4	5	6	7	8	8	10	10
14	3	5	3	5	5	6	7	8	9	9	10	11
15	4	5	4	5	6	7	7	9	10	10	11	0
16	5	6	5	6	7	8	8	9	11	11	0	0
17	6	7	6	7	7	9	9	10	11	0	1	1
18	7	8	7	8	8	9	10	11	0	1	2	2
19	7	9	7	9	9	10	11	0	1	1	3	3
20	8	9	8	9	10	11	11	1	2	2	3	4
21	9	10	9	10	11	0	0	1	3	3	4	5
22	10	11	10	11	11	1	1	2	3	4	5	5
23	11	0	11	0	0	1	2	3	4	5	6	6
24	0	1	0	1	1	2	3	4	5	5	7	7
25	0	2	0	2	2	3	3	5	6	6	7	8
26	1	2	1	2	3	4	4	5	7	7	8	9
27	2	3	2	3	4	5	5	6	7	8	9	9
28	3	4	3	4	4	6	6	7	8	9	10	10
29	4		4	5	5	6	7	8	9	9	11	11
30	4		4	6	6	7	8	9	10	10	11	0
31	5		5		7		8	10		11		1

TABLE 2 (CONTINUED) LUNAR PHASE MU PRIME

YEAR 1907

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	1	3	1	3	3	4	5	6	7	7	9	9
2	2	4	2	3	4	5	5	7	8	8	9	10
3	3	4	3	4	5	6	6	7	9	9	10	11
4	4	5	4	5	5	7	7	8	9	10	11	11
5	5	6	5	6	6	7	8	9	10	11	0	0
6	6	7	6	7	7	8	9	10	11	11	1	1
7	6	8	6	8	8	9	9	11	0	0	1	2
8	7	8	7	8	9	10	10	11	1	1	2	3
9	8	9	8	9	10	11	11	0	1	2	3	3
10	9	10	9	10	10	0	0	1	2	3	4	4
11	10	11	10	11	11	0	1	2	3	3	5	5
12	10	0	10	0	0	1	2	3	4	4	6	6
13	11	0	11	0	1	2	2	4	5	5	6	7
14	0	1	0	1	2	3	3	4	6	6	7	8
15	1	2	1	2	2	4	4	5	6	7	8	8
16	2	3	2	3	3	4	5	6	7	8	9	9
17	3	4	2	4	4	5	6	7	8	8	10	10
18	3	5	3	4	5	6	6	8	9	9	10	11
19	4	5	4	5	6	7	7	8	10	10	11	0
20	5	6	5	6	6	8	8	9	10	11	0	0
21	6	7	6	7	7	8	9	10	11	0	1	1
22	7	8	7	8	8	9	10	11	0	0	2	2
23	7	9	7	9	9	10	10	0	1	1	2	3
24	8	9	8	9	10	11	11	0	2	2	3	4
25	9	10	9	10	11	0	0	1	2	3	4	4
26	10	11	10	11	11	1	1	2	3	4	5	5
27	11	0	11	0	0	1	2	3	4	5	6	6
28	11	1	11	1	1	2	3	4	5	5	7	7
29	0		0	1	2	3	3	5	6	6	7	8
30	1		1	2	3	4	4	5	7	7	8	9
31	2		2		3		5	6		8		9

TABLE 2 (CONTINUED) LUNAR PHASE NU PRIME

YEAR 1908

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	10	11	11	0	0	2	2	3	4	5	6	6
2	11	0	0	1	1	2	3	4	5	6	7	7
3	0	1	1	2	2	3	4	5	6	6	8	8
4	1	2	1	3	3	4	4	6	7	7	8	9
5	1	3	2	3	4	5	5	7	8	8	9	10
6	2	3	3	4	5	6	6	7	9	9	10	10
7	3	4	4	5	5	7	7	8	9	10	11	11
8	4	5	5	6	6	7	8	9	10	11	0	0
9	5	6	5	7	7	8	9	10	11	11	1	1
10	5	7	6	7	8	9	9	11	0	0	1	2
11	6	7	7	8	9	10	10	11	1	1	2	3
12	7	8	8	9	9	11	11	0	1	2	3	3
13	8	9	9	10	10	11	0	1	2	3	4	4
14	9	10	9	11	11	0	1	2	3	3	5	5
15	10	11	10	11	0	1	1	3	4	4	5	6
16	10	0	11	0	1	2	2	3	5	5	6	7
17	11	0	0	1	1	3	3	4	5	6	7	7
18	0	1	1	2	2	3	4	5	6	7	8	8
19	1	2	2	3	3	4	5	6	7	7	9	9
20	2	3	2	4	4	5	5	7	8	8	9	10
21	2	4	3	4	5	6	6	8	9	9	10	11
22	3	4	4	5	6	7	7	8	10	10	11	11
23	4	5	5	6	6	8	8	9	10	11	0	0
24	5	6	6	7	7	8	9	10	11	0	1	1
25	6	7	6	8	8	9	10	11	0	0	2	2
26	6	8	7	8	9	10	10	0	1	1	2	3
27	7	8	8	9	10	11	11	0	2	2	3	4
28	8	9	9	10	10	0	0	1	2	3	4	4
29	9	10	10	11	11	0	1	2	3	4	5	5
30	10		10	0	0	1	2	3	4	4	6	6
31	11		11		1		2	4		5		7

TABLE 2 (CONTINUED) LUNAR PHASE NU PRIME

YEAR 1909

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	8	9	8	9	9	10	11	0	1	1	3	3
2	8	10	8	10	10	11	0	1	2	2	3	4
3	9	10	9	10	11	0	0	2	3	3	4	5
4	10	11	10	11	0	1	1	2	4	4	5	5
5	11	0	11	0	0	2	2	3	4	5	6	6
6	0	1	0	1	1	2	3	4	5	6	7	7
7	0	2	0	2	2	3	4	5	6	6	8	8
8	1	2	1	2	3	4	4	6	7	7	8	9
9	2	3	2	3	4	5	5	6	8	8	9	10
10	3	4	3	4	4	6	6	7	8	9	10	10
11	4	5	4	5	5	6	7	8	9	10	11	11
12	5	6	4	6	6	7	8	9	10	10	0	0
13	5	7	5	6	7	8	8	10	11	11	0	1
14	6	7	6	7	8	9	9	10	0	0	1	2
15	7	8	7	8	8	10	10	11	0	1	2	2
16	8	9	8	9	9	11	11	0	1	2	3	3
17	9	10	9	10	10	11	0	1	2	2	4	4
18	9	11	9	11	11	0	1	2	3	3	4	5
19	10	11	10	11	0	1	1	3	4	4	5	6
20	11	0	11	0	1	2	2	3	5	5	6	6
21	0	1	0	1	1	3	3	4	5	6	7	7
22	1	2	1	2	2	3	4	5	6	7	8	8
23	1	3	1	3	3	4	5	6	7	7	9	9
24	2	3	2	3	4	5	5	7	8	8	9	10
25	3	4	3	4	5	6	6	7	9	9	10	11
26	4	5	4	5	5	7	7	8	9	10	11	11
27	5	6	5	6	6	7	8	9	10	11	0	0
28	6	7	5	7	7	8	9	10	11	11	1	1
29	6		6	7	8	9	9	11	0	0	1	2
30	7		7	8	9	10	10	11	1	1	2	3
31	8		8		10		11	0		2		3

TABLE 2 (CONTINUED) LUNAR PHASE MU PRIME

YEAR 1910

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	4	5	4	5	6	7	7	9	10	10	11	0
2	5	6	5	6	7	8	8	9	11	11	0	0
3	6	7	6	7	7	9	9	10	11	0	1	1
4	7	8	7	8	8	9	10	11	0	1	2	2
5	7	9	7	9	9	10	11	0	1	1	3	3
6	8	9	8	9	10	11	11	1	2	2	3	4
7	9	10	9	10	11	0	0	1	3	3	4	5
8	10	11	10	11	11	1	1	2	3	4	5	5
9	11	0	11	0	0	1	2	3	4	5	6	6
10	0	1	0	1	1	2	3	4	5	5	7	7
11	0	2	0	2	2	3	3	5	6	6	7	8
12	1	2	1	2	3	4	4	5	7	7	8	9
13	2	3	2	3	4	5	5	6	7	8	9	9
14	3	4	3	4	4	6	6	7	8	9	10	10
15	4	5	4	5	5	6	7	8	9	9	11	11
16	4	6	4	6	6	7	8	9	10	10	11	0
17	5	6	5	6	7	8	8	10	11	11	0	1
18	6	7	6	7	8	9	9	10	0	0	1	2
19	7	8	7	8	8	10	10	11	0	1	2	2
20	8	9	8	9	9	10	11	0	1	2	3	3
21	8	10	8	10	10	11	0	1	2	2	4	4
22	9	10	9	10	11	0	0	2	3	3	4	5
23	10	11	10	11	0	1	1	2	4	4	5	6
24	11	0	11	0	0	2	2	3	4	5	6	6
25	0	1	0	1	1	2	3	4	5	6	7	7
26	1	2	1	2	2	3	4	5	6	6	8	8
27	1	3	1	3	3	4	4	6	7	7	8	9
28	2	3	2	3	4	5	5	6	8	8	9	10
29	3		3	4	5	6	6	7	8	9	10	10
30	4		4	5	5	7	7	8	9	10	11	11
31	5		5		6		8	9		10		0

TABLE 2 (CONTINUED) LUNAR PHASE MU PRIME

YEAR 1911

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	1	2	1	2	2	4	4	5	6	7	8	8
2	2	3	2	3	3	4	5	6	7	8	9	9
3	3	4	2	4	4	5	6	7	8	8	10	10
4	3	5	3	4	5	6	6	8	9	9	10	11
5	4	5	4	5	6	7	7	8	10	10	11	0
6	5	6	5	6	6	8	8	9	10	11	0	0
7	6	7	6	7	7	8	9	10	11	0	1	1
8	7	8	7	8	8	9	10	11	0	0	2	2
9	7	9	7	9	9	10	10	0	1	1	2	3
10	8	9	8	9	10	11	11	0	2	2	3	4
11	9	10	9	10	11	0	0	1	2	3	4	4
12	10	11	10	11	11	1	1	2	3	4	5	5
13	11	0	11	0	0	1	2	3	4	5	6	6
14	11	1	11	1	1	2	3	4	5	5	7	7
15	0	1	0	1	2	3	3	5	6	6	7	8
16	1	2	1	2	3	4	4	5	7	7	8	9
17	2	3	2	3	3	5	5	6	7	8	9	9
18	3	4	3	4	4	5	6	7	8	9	10	10
19	4	5	3	5	5	6	7	8	9	9	11	11
20	4	6	4	5	6	7	7	9	10	10	11	0
21	5	6	5	6	7	8	8	9	11	11	0	1
22	6	7	6	7	7	9	9	10	11	0	1	1
23	7	8	7	8	8	9	10	11	0	1	2	2
24	8	9	8	9	9	10	11	0	1	1	3	3
25	8	10	8	10	10	11	11	1	2	2	3	4
26	9	10	9	10	11	0	0	1	3	3	4	5
27	10	11	10	11	0	1	1	2	3	4	5	5
28	11	0	11	0	0	2	2	3	4	5	6	6
29	0		0	1	1	2	3	4	5	6	7	7
30	0		0	2	2	3	4	5	6	6	8	8
31	1		1		3		4	6		7		9

TABLE 2 (CONTINUED) LUNAR PHASE NU PRIME

YEAR 1912

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	10	11	10	11	0	1	1	3	4	4	5	6
2	10	0	11	0	1	2	2	3	5	5	6	7
3	11	0	0	1	1	3	3	4	5	6	7	7
4	0	1	1	2	2	3	4	5	6	7	8	8
5	1	2	2	3	3	4	5	6	7	7	9	9
6	2	3	2	4	4	5	5	7	8	8	9	10
7	2	4	3	4	5	6	6	8	9	9	10	11
8	3	4	4	5	6	7	7	8	10	10	11	11
9	4	5	5	6	6	8	8	9	10	11	0	0
10	5	6	6	7	7	8	9	10	11	0	1	1
11	6	7	6	8	8	9	10	11	0	0	2	2
12	6	8	7	8	9	10	10	0	1	1	2	3
13	7	8	8	9	10	11	11	0	2	2	3	4
14	8	9	9	10	10	0	0	1	2	3	4	4
15	9	10	10	11	11	0	1	2	3	4	5	5
16	10	11	10	0	0	1	2	3	4	4	6	6
17	11	0	11	0	1	2	2	4	5	5	6	7
18	11	1	0	1	2	3	3	4	6	6	7	8
19	0	1	1	2	2	4	4	5	6	7	8	8
20	1	2	2	3	3	4	5	6	7	8	9	9
21	2	3	3	4	4	5	6	7	8	8	10	10
22	3	4	3	5	5	6	7	8	9	9	10	11
23	3	5	4	5	6	7	7	9	10	10	11	0
24	4	5	5	6	7	8	8	9	11	11	0	0
25	5	6	6	7	7	9	9	10	11	0	1	1
26	6	7	7	8	8	9	10	11	0	1	2	2
27	7	8	7	9	9	10	11	0	1	1	3	3
28	7	9	8	9	10	11	11	1	2	2	3	4
29	8	9	9	10	11	0	0	1	3	3	4	5
30	9		10	11	11	1	1	2	3	4	5	5
31	10		11		0		2	3		5		6

TABLE 2 (CONTINUED) LUNAR PHASE NU PRIME

YEAR 1913

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	7	8	7	8	8	10	10	11	0	1	2	2
2	8	9	8	9	9	11	11	0	1	2	3	3
3	9	10	9	10	10	11	0	1	2	2	4	4
4	9	11	9	11	11	0	1	2	3	3	4	5
5	10	11	10	11	0	1	1	3	4	4	5	6
6	11	0	11	0	1	2	2	3	5	5	6	6
7	0	1	0	1	1	3	3	4	5	6	7	7
8	1	2	1	2	2	3	4	5	6	7	8	8
9	1	3	1	3	3	4	5	6	7	7	9	9
10	2	3	2	3	4	5	5	7	8	8	9	10
11	3	4	3	4	5	6	6	7	9	9	10	11
12	4	5	4	5	5	7	7	8	9	10	11	11
13	5	6	5	6	6	7	8	9	10	11	0	0
14	6	7	5	7	7	8	9	10	11	11	1	1
15	6	8	6	7	8	9	9	11	0	0	1	2
16	7	8	7	8	9	10	10	11	1	1	2	3
17	8	9	8	9	10	11	11	0	1	2	3	3
18	9	10	9	10	10	0	0	1	2	3	4	4
19	10	11	10	11	11	0	1	2	3	3	5	5
20	10	0	10	0	0	1	2	3	4	4	5	6
21	11	0	11	0	1	2	2	4	5	5	6	7
22	0	1	0	1	2	3	3	4	6	6	7	7
23	1	2	1	2	2	4	4	5	6	7	8	8
24	2	3	2	3	3	4	5	6	7	8	9	9
25	2	4	2	4	4	5	6	7	8	8	10	10
26	3	4	3	4	5	6	6	8	9	9	10	11
27	4	5	4	5	6	7	7	8	10	10	11	0
28	5	6	5	6	6	8	8	9	10	11	0	0
29	6		6	7	7	8	9	10	11	0	1	1
30	7		6	8	8	9	10	11	0	0	2	2
31	7		7		9		10	0		1		3

TABLE 2 (CONTINUED) LUNAR PHASE MU PRIME

YEAR 1914

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	4	5	4	5	5	6	7	8	9	9	11	11
2	4	6	4	6	6	7	8	9	10	10	11	0
3	5	6	5	6	7	8	8	10	11	11	0	1
4	6	7	6	7	8	9	9	10	0	0	1	2
5	7	8	7	8	8	10	10	11	0	1	2	2
6	8	9	8	9	9	10	11	0	1	2	3	3
7	8	10	8	10	10	11	0	1	2	2	4	4
8	9	10	9	10	11	0	0	2	3	3	4	5
9	10	11	10	11	0	1	1	2	4	4	5	6
10	11	0	11	0	0	2	2	3	4	5	6	6
11	0	1	0	1	1	2	3	4	5	6	7	7
12	1	2	1	2	2	3	4	5	6	6	8	8
13	1	3	1	3	3	4	4	6	7	7	8	9
14	2	3	2	3	4	5	5	6	8	8	9	10
15	3	4	3	4	5	6	6	7	8	9	10	10
16	4	5	4	5	5	7	7	8	9	10	11	11
17	5	6	5	6	6	7	8	9	10	10	0	0
18	5	7	5	7	7	8	9	10	11	11	0	1
19	6	7	6	7	8	9	9	11	0	0	1	2
20	7	8	7	8	9	10	10	11	1	1	2	3
21	8	9	8	9	9	11	11	0	1	2	3	3
22	9	10	9	10	10	11	0	1	2	3	4	4
23	9	11	9	11	11	0	1	2	3	3	5	5
24	10	0	10	11	0	1	1	3	4	4	5	6
25	11	0	11	0	1	2	2	3	5	5	6	7
26	0	1	0	1	1	3	3	4	5	6	7	7
27	1	2	1	2	2	3	4	5	6	7	8	8
28	2	3	2	3	3	4	5	6	7	7	9	9
29	2		2	4	4	5	5	7	8	8	9	10
30	3		3	4	5	6	6	7	9	9	10	11
31	4		4		6		7	8		10		11

TABLE 2 (CONTINUED) LUNAR PHASE MU PRIME

YEAR 1915

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	0	1	0	1	2	3	3	5	6	6	7	8
2	1	2	1	2	3	4	4	5	7	7	8	9
3	2	3	2	3	3	5	5	6	7	8	9	9
4	3	4	3	4	4	5	6	7	8	9	10	10
5	4	5	3	5	5	6	7	8	9	9	11	11
6	4	6	4	5	6	7	7	9	10	10	11	0
7	5	6	5	6	7	8	8	9	11	11	0	1
8	6	7	6	7	7	9	9	10	11	0	1	1
9	7	8	7	8	8	9	10	11	0	1	2	2
10	8	9	8	9	9	10	11	0	1	1	3	3
11	8	10	8	10	10	11	11	1	2	2	3	4
12	9	10	9	10	11	0	0	1	3	3	4	5
13	10	11	10	11	0	1	1	2	3	4	5	5
14	11	0	11	0	0	2	2	3	4	5	6	6
15	0	1	0	1	1	2	3	4	5	6	7	7
16	0	2	0	2	2	3	4	5	6	6	8	8
17	1	2	1	2	3	4	4	6	7	7	8	9
18	2	3	2	3	4	5	5	6	8	8	9	10
19	3	4	3	4	4	6	6	7	8	9	10	10
20	4	5	4	5	5	6	7	8	9	10	11	11
21	5	6	4	6	6	7	8	9	10	10	0	0
22	5	7	5	6	7	8	8	10	11	11	0	1
23	6	7	6	7	8	9	9	10	0	0	1	2
24	7	8	7	8	8	10	10	11	0	1	2	2
25	8	9	8	9	9	10	11	0	1	2	3	3
26	9	10	9	10	10	11	0	1	2	2	4	4
27	9	11	9	11	11	0	0	2	3	3	4	5
28	10	11	10	11	0	1	1	2	4	4	5	6
29	11		11	0	1	2	2	3	5	5	6	6
30	0		0	1	1	3	3	4	5	6	7	7
31	1		1		2		4	5		7		8

TABLE 2 (CONTINUED) LUNAR PHASE NU PRIME

YEAR 1916

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	9	10	10	11	11	0	1	2	3	4	5	5
2	10	11	10	0	0	1	2	3	4	4	6	6
3	11	0	11	0	1	2	2	4	5	5	6	7
4	11	1	0	1	2	3	3	4	6	6	7	8
5	0	1	1	2	2	4	4	5	6	7	8	8
6	1	2	2	3	3	4	5	6	7	8	9	9
7	2	3	3	4	4	5	6	7	8	8	10	10
8	3	4	3	5	5	6	7	8	9	9	10	11
9	3	5	4	5	6	7	7	9	10	10	11	0
10	4	5	5	6	7	8	8	9	11	11	0	0
11	5	6	6	7	7	9	9	10	11	0	1	1
12	6	7	7	8	8	9	10	11	0	1	2	2
13	7	8	7	9	9	10	11	0	1	1	3	3
14	7	9	8	9	10	11	11	1	2	2	3	4
15	8	9	9	10	11	0	0	1	3	3	4	5
16	9	10	10	11	11	1	1	2	3	4	5	5
17	10	11	11	0	0	1	2	3	4	5	6	6
18	11	0	11	1	1	2	3	4	5	5	7	7
19	0	1	0	1	2	3	3	5	6	6	7	8
20	0	2	1	2	3	4	4	5	7	7	8	9
21	1	2	2	3	3	5	5	6	7	8	9	9
22	2	3	3	4	4	5	6	7	8	9	10	10
23	3	4	4	5	5	6	7	8	9	9	11	11
24	4	5	4	6	6	7	8	9	10	10	11	0
25	4	6	5	6	7	8	8	10	11	11	0	1
26	5	6	6	7	8	9	9	10	0	0	1	1
27	6	7	7	8	8	10	10	11	0	1	2	2
28	7	8	8	9	9	10	11	0	1	2	3	3
29	8	9	8	10	10	11	0	1	2	2	4	4
30	8		9	10	11	0	0	2	3	3	4	5
31	9		10		0		1	2		4		6

TABLE 2 (CONTINUED) LUNAR PHASE NU PRIME

YEAR 1917

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	6	8	6	7	8	9	9	11	0	0	1	2
2	7	8	7	8	9	10	10	11	1	1	2	3
3	8	9	8	9	10	11	11	0	1	2	3	3
4	9	10	9	10	10	0	0	1	2	3	4	4
5	10	11	10	11	11	0	1	2	3	3	5	5
6	10	0	10	0	0	1	2	3	4	4	5	6
7	11	0	11	0	1	2	2	4	5	5	6	7
8	0	1	0	1	2	3	3	4	6	6	7	7
9	1	2	1	2	2	4	4	5	6	7	8	8
10	2	3	2	3	3	4	5	6	7	8	9	9
11	2	4	2	4	4	5	6	7	8	8	10	10
12	3	4	3	4	5	6	6	8	9	9	10	11
13	4	5	4	5	6	7	7	8	10	10	11	0
14	5	6	5	6	6	8	8	9	10	11	0	0
15	6	7	6	7	7	8	9	10	11	0	1	1
16	7	8	6	8	8	9	10	11	0	0	2	2
17	7	9	7	9	9	10	10	0	1	1	2	3
18	8	9	8	9	10	11	11	0	2	2	3	4
19	9	10	9	10	11	0	0	1	2	3	4	4
20	10	11	10	11	11	1	1	2	3	4	5	5
21	11	0	11	0	0	1	2	3	4	4	6	6
22	11	1	11	1	1	2	3	4	5	5		7
23	0	1	0	1	2	3	3	5	6	6	7	8
24	1	2	1	2	3	4	4	5	7	7	8	8
25	2	3	2	3	3	5	5	6	7	8	9	9
26	3	4	3	4	4	5	6	7	8	9	10	10
27	3	5	3	5	5	6	7	8	9	9	11	11
28	4	5	4	5	6	7	7	9	10	10	11	0
29	5		5	6	7	8	8	9	11	11	0	1
30	6		6	7	7	9	9	10	11	0	1	1
31	7		7		8		10	11		1		2

TABLE 2 (CONTINUED) LUNAR PHASE NU PRIME

YEAR 1918

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	3	4	5	4	5	6	6	7	8	9	10	10
2	4	5	4	5	5	7	7	8	9	10	11	11
3	5	6	5	6	6	7	8	9	10	10	0	0
4	5	7	5	7	7	8	9	10	11	11	0	1
5	6	7	6	7	8	9	9	11	0	0	1	2
6	7	8	7	8	9	10	10	11	1	1	2	3
7	8	9	8	9	9	11	11	0	1	2	3	3
8	9	10	9	10	10	11	0	1	2	3	4	4
9	9	11	9	11	11	0	1	2	3	3	5	5
10	10	0	10	11	0	1	1	3	4	4	5	6
11	11	0	11	0	1	2	2	3	5	5	6	7
12	0	1	0	1	1	3	3	4	5	6	7	7
13	1	2	1	2	2	3	4	5	6	7	8	8
14	2	3	2	3	3	4	5	6	7	7	9	9
15	2	4	2	4	4	5	5	7	8	8	9	10
16	3	4	3	4	5	6	6	7	9	9	10	11
17	4	5	4	5	6	7	7	8	9	10	11	11
18	5	6	5	6	6	8	8	9	10	11	0	0
19	6	7	6	7	7	8	9	10	11	11	1	1
20	6	8	6	8	8	9	10	11	0	0	2	2
21	7	8	7	8	9	10	10	0	1	1	2	3
22	8	9	8	9	10	11	11	0	2	2	3	4
23	9	10	9	10	10	0	0	1	2	3	4	4
24	10	11	10	11	11	0	1	2	3	4	5	5
25	10	0	10	0	0	1	2	3	4	4	6	6
26	11	1	11	0	1	2	2	4	5	5	6	7
27	0	1	0	1	2	3	3	4	6	6	7	8
28	1	2	1	2	2	4	4	5	6	7	8	8
29	2		2	3	3	4	5	6	7	8	9	9
30	3		3	4	4	5	6	7	8	8	10	10
31	3		3		5		6	8		9		11

TABLE 2 (CONTINUED) LUNAR PHASE NU PRIME

YEAR 1919

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	0	1	0	1	1	2	3	4	5	6	7	7
2	0	2	0	2	2	3	4	5	6	6	8	8
3	1	2	1	2	3	4	4	6	7	7	8	9
4	2	3	2	3	4	5	5	6	8	8	9	10
5	3	4	3	4	4	6	6	7	8	9	10	10
6	4	5	4	5	5	6	7	8	9	10	11	11
7	5	6	4	6	6	7	8	9	10	10	0	0
8	5	7	5	6	7	8	8	10	11	11	0	1
9	6	7	6	7	8	9	9	10	0	0	1	2
10	7	8	7	8	8	10	10	11	0	1	2	2
11	8	9	8	9	9	10	11	0	1	2	3	3
12	9	10	9	10	10	11	0	1	2	2	4	4
13	9	11	9	11	11	0	0	2	3	3	4	5
14	10	11	10	11	0	1	1	2	4	4	5	6
15	11	0	11	0	1	2	2	3	5	5	6	6
16	0	1	0	1	1	3	3	4	5	6	7	7
17	1	2	1	2	2	3	4	5	6	7	8	8
18	1	3	1	3	3	4	5	6	7	7	9	9
19	2	3	2	3	4	5	5	7	8	8	9	10
20	3	4	3	4	5	6	6	7	9	9	10	11
21	4	5	4	5	5	7	7	8	9	10	11	11
22	5	6	5	6	6	7	8	9	10	11	0	0
23	6	7	5	7	7	8	9	10	11	11	1	1
24	6	8	6	7	8	9	9	11	0	0	1	2
25	7	8	7	8	9	10	10	11	1	1	2	3
26	8	9	8	9	9	11	11	0	1	2	3	3
27	9	10	9	10	10	11	0	1	2	3	4	4
28	10	11	10	11	11	0	1	2	3	3	5	5
29	10		10	0	0	1	1	3	4	4	5	6
30	11		11	0	1	2	2	4	5	5	6	7
31	0		0		2		3	4		6		7

TABLE 2 (CONTINUED) LUNAR PHASE NU PRIME

YEAR 1920

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	8	9	9	10	11	0	0	1	3	3	4	5
2	9	10	10	11	11	1	1	2	3	4	5	5
3	10	11	11	0	0	1	2	3	4	5	6	6
4	11	0	11	1	1	2	3	4	5	5	7	7
5	0	1	0	1	2	3	3	5	6	6	7	8
6	0	2	1	2	3	4	4	5	7	7	8	9
7	1	2	2	3	3	5	5	6	7	8	9	9
8	2	3	3	4	4	5	6	7	8	9	10	10
9	3	4	4	5	5	6	7	8	9	9	11	11
10	4	5	4	6	6	7	8	9	10	10	11	0
11	4	6	5	6	7	8	8	10	11	11	0	1
12	5	6	6	7	8	9	9	10	0	0	1	1
13	6	7	7	8	8	10	10	11	0	1	2	2
14	7	8	8	9	9	10	11	0	1	2	3	3
15	8	9	8	10	10	11	0	1	2	2	4	4
16	8	10	9	10	11	0	0	2	3	3	4	5
17	9	10	10	11	0	1	1	2	4	4	5	6
18	10	11	11	0	0	2	2	3	4	5	6	6
19	11	0	0	1	1	2	3	4	5	6	7	7
20	0	1	0	2	2	3	4	5	6	6	8	8
21	1	2	1	2	3	4	4	6	7	7	8	9
22	1	3	2	3	4	5	5	6	8	8	9	10
23	2	3	3	4	4	6	6	7	8	9	10	10
24	3	4	4	5	5	7	7	8	9	10	11	11
25	4	5	5	6	6	7	8	9	10	10	0	0
26	5	6	5	7	7	8	9	10	11	11	0	1
27	5	7	6	7	8	9	9	11	0	0	1	2
28	6	7	7	8	9	10	10	11	1	1	2	2
29	7	8	8	9	9	11	11	0	1	2	3	3
30	8		9	10	10	11	0	1	2	3	4	4
31	9		9		11		1	2		3		5

TABLE 2 (CONTINUED) LUNAR PHASE NU PRIME

YEAR 1921

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	6	7	6	7	7	8	9	10	11	0	1	1
2	7	8	6	8	8	9	10	11	0	0	2	2
3	7	9	7	9	9	10	10	0	1	1	2	3
4	8	9	8	9	10	11	11	0	2	2	3	4
5	9	10	9	10	11	0	0	1	2	3	4	4
6	10	11	10	11	11	1	1	2	3	4	5	5
7	11	0	11	0	0	1	2	3	4	4	6	6
8	11	1	11	1	1	2	3	4	5	5	6	7
9	0	1	0	1	2	3	3	5	6	6	7	8
10	1	2	1	2	3	4	4	5	7	7	8	8
11	2	3	2	3	3	5	5	6	7	8	9	9
12	3	4	3	4	4	5	6	7	8	9	10	10
13	3	5	3	5	5	6	7	8	9	9	11	11
14	4	5	4	5	6	7	7	9	10	10	11	0
15	5	6	5	6	7	8	8	9	11	11	0	1
16	6	7	6	7	7	9	9	10	11	0	1	1
17	7	8	7	8	8	9	10	11	0	1	2	2
18	8	9	7	9	9	10	11	0	1	1	3	3
19	8	10	8	10	10	11	11	1	2	2	3	4
20	9	10	9	10	11	0	0	1	3	3	4	5
21	10	11	10	11	0	1	1	2	3	4	5	5
22	11	0	11	0	0	2	2	3	4	5	6	6
23	0	1	0	1	1	2	3	4	5	5	7	7
24	0	2	0	2	2	3	4	5	6	6	7	8
25	1	2	1	2	3	4	4	6	7	7	8	9
26	2	3	2	3	4	5	5	6	8	8	9	9
27	3	4	3	4	4	6	6	7	8	9	10	10
28	4	5	4	5	5	6	7	8	9	10	11	11
29	4		4	6	6	7	8	9	10	10	0	0
30	5		5	6	7	8	8	10	11	11	0	1
31	6		6		8		9	10		0		2

TABLE 2 (CONTINUED) LUNAR PHASE MU PRIME

YEAR 1922

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	2	4	2	4	4	5	5	7	8	8	9	10
2	3	4	3	4	5	6	6	7	9	9	10	11
3	4	5	4	5	6	7	7	8	9	10	11	11
4	5	6	5	6	6	8	8	9	10	11	0	0
5	6	7	6	7	7	8	9	10	11	11	1	1
6	6	8	6	8	8	9	10	11	0	0	2	2
7	7	8	7	8	9	10	10	0	1	1	2	3
8	8	9	8	9	10	11	11	0	2	2	3	4
9	9	10	9	10	10	0	0	1	2	3	4	4
10	10	11	10	11	11	0	1	2	3	4	5	5
11	11	0	10	0	0	1	2	3	4	4	6	6
12	11	1	11	0	1	2	2	4	5	5	6	7
13	0	1	0	1	2	3	3	4	6	6	7	8
14	1	2	1	2	2	4	4	5	6	7	8	8
15	2	3	2	3	3	4	5	6	7	8	9	9
16	3	4	3	4	4	5	6	7	8	8	10	10
17	3	5	3	5	5	6	6	8	9	9	10	11
18	4	5	4	5	6	7	7	8	10	10	11	0
19	5	6	5	6	7	8	8	9	10	11	0	0
20	6	7	6	7	7	9	9	10	11	0	1	1
21	7	8	7	8	8	9	10	11	0	0	2	2
22	7	9	7	9	9	10	11	0	1	1	3	3
23	8	9	8	9	10	11	11	1	2	2	3	4
24	9	10	9	10	11	0	0	1	3	3	4	5
25	10	11	10	11	11	1	1	2	3	4	5	5
26	11	0	11	0	0	1	2	3	4	5	6	6
27	0	1	11	1	1	2	3	4	5	5	7	7
28	0	2	0	1	2	3	3	5	6	6	7	8
29	1		1	2	3	4	4	5	7	7	8	9
30	2		2	3	3	5	5	6	7	8	9	9
31	3		3		4		6	7		9		10

TABLE 2 (CONTINUED) LUNAR PHASE MU PRIME

YEAR 1923

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	11	0	11	0	1	2	2	3	5	5	6	6
2	0	1	0	1	1	3	3	4	5	6	7	7
3	1	2	1	2	2	3	4	5	6	7	8	8
4	1	3	1	3	3	4	5	6	7	7	9	9
5	2	3	2	3	4	5	5	7	8	8	9	10
6	3	4	3	4	5	6	6	7	9	9	10	11
7	4	5	4	5	5	7	7	8	9	10	11	11
8	5	6	5	6	6	7	8	9	10	11	0	0
9	6	7	5	7	7	8	9	10	11	11	1	1
10	6	8	6	7	8	9	9	11	0	0	1	2
11	7	8	7	8	9	10	10	11	1	1	2	3
12	8	9	8	9	9	11	11	0	1	2	3	3
13	9	10	9	10	10	11	0	1	2	3	4	4
14	10	11	10	11	11	0	1	2	3	3	5	5
15	10	0	10	0	0	1	1	3	4	4	5	6
16	11	0	11	0	1	2	2	4	5	5	6	7
17	0	1	0	1	2	3	3	4	6	6	7	7
18	1	2	1	2	2	4	4	5	6	7	8	8
19	2	3	2	3	3	4	5	6	7	8	9	9
20	2	4	2	4	4	5	6	7	8	8	10	10
21	3	4	3	4	5	6	6	8	9	9	10	11
22	4	5	4	5	6	7	7	8	10	10	11	0
23	5	6	5	6	6	8	8	9	10	11	0	0
24	6	7	6	7	7	8	9	10	11	0	1	1
25	7	8	6	8	8	9	10	11	0	0	2	2
26	7	9	7	8	9	10	10	0	1	1	2	3
27	8	9	8	9	10	11	11	0	2	2	3	4
28	9	10	9	10	10	0	0	1	2	3	4	4
29	10		10	11	11	0	1	2	3	4	5	5
30	11		11	0	0	1	2	3	4	4	6	6
31	11		11		1		2	4		5		7

TABLE 2 (CONTINUED) LUNAR PHASE NU PRIME

YEAR 1924

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	8	9	8	10	10	11	0	1	2	2	4	4
2	8	10	9	10	11	0	0	2	3	3	4	5
3	9	10	10	11	0	1	1	2	4	4	5	6
4	10	11	11	0	0	2	2	3	4	5	6	6
5	11	0	0	1	1	2	3	4	5	6	7	7
6	0	1	0	2	2	3	4	5	6	6	8	8
7	1	2	1	2	3	4	4	6	7	7	8	9
8	1	3	2	3	4	5	5	6	8	8	9	10
9	2	3	3	4	4	6	6	7	8	9	10	10
10	3	4	4	5	5	7	7	8	9	10	11	11
11	4	5	5	6	6	7	8	9	10	10	0	0
12	5	6	5	7	7	8	9	10	11	11	0	1
13	5	7	6	7	8	9	9	11	0	0	1	2
14	6	7	7	8	9	10	10	11	1	1	2	2
15	7	8	8	9	9	11	11	0	1	2	3	3
16	8	9	9	10	10	11	0	1	2	3	4	4
17	9	10	9	11	11	0	1	2	3	3	5	5
18	9	11	10	11	0	1	1	3	4	4	5	6
19	10	11	11	0	1	2	2	3	5	5	6	7
20	11	0	0	1	1	3	3	4	5	6	7	7
21	0	1	1	2	2	3	4	5	6	7	8	8
22	1	2	1	3	3	4	5	6	7	7	9	9
23	2	3	2	3	4	5	5	7	8	8	9	10
24	2	4	3	4	5	6	6	7	9	9	10	11
25	3	4	4	5	6	7	7	8	9	10	11	11
26	4	5	5	6	6	8	8	9	10	11	0	0
27	5	6	6	7	7	8	9	10	11	11	1	1
28	6	7	6	8	8	9	10	11	0	0	1	2
29	6	8	7	8	9	10	10	0	1	1	2	3
30	7		8	9	10	11	11	0	2	2	3	3
31	8		9		10		0	1		3		4

TABLE 2 (CONTINUED) LUNAR PHASE NU PRIME

YEAR 1925

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	5	6	5	6	7	8	8	9	11	11	0	1
2	6	7	6	7	7	9	9	10	11	0	1	1
3	7	8	7	8	8	9	10	11	0	1	2	2
4	8	9	7	9	9	10	11	0	1	1	3	3
5	8	10	8	10	10	11	11	1	2	2	3	4
6	9	10	9	10	11	0	0	1	3	3	4	5
7	10	11	10	11	0	1	1	2	3	4	5	5
8	11	0	11	0	0	2	2	3	4	5	6	6
9	0	1	0	1	1	2	3	4	5	5	7	7
10	0	2	0	2	2	3	4	5	6	6	7	8
11	1	2	1	2	3	4	4	6	7	7	8	9
12	2	3	2	3	4	5	5	6	8	8	9	9
13	3	4	3	4	4	6	6	7	8	9	10	10
14	4	5	4	5	5	6	7	8	9	10	11	11
15	4	6	4	6	6	7	8	9	10	10	0	0
16	5	6	5	6	7	8	8	10	11	11	0	1
17	6	7	6	7	8	9	9	10	0	0	1	2
18	7	8	7	8	8	10	10	11	0	1	2	2
19	8	9	8	9	9	10	11	0	1	2	3	3
20	9	10	9	10	10	11	0	1	2	2	4	4
21	9	11	9	11	11	0	0	2	3	3	4	5
22	10	11	10	11	0	1	1	2	4	4	5	6
23	11	0	11	0	1	2	2	3	4	5	6	6
24	0	1	0	1	1	3	3	4	5	6	7	7
25	1	2	1	2	2	3	4	5	6	6	8	8
26	1	3	1	3	3	4	5	6	7	7	8	9
27	2	3	2	3	4	5	5	7	8	8	9	10
28	3	4	3	4	5	6	6	7	9	9	10	11
29	4		4	5	5	7	7	8	9	10	11	11
30	5		5	6	6	7	8	9	10	11	0	0
31	5		5		7		9	10		11		1

TABLE 2 (CONTINUED) LUNAR PHASE NU PRIME

YEAR 1926

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	2	3	2	3	3	4	5	6	7	8	9	9
2	3	4	3	4	4	5	6	7	8	8	10	10
3	3	5	3	5	5	6	6	8	9	9	10	11
4	4	5	4	5	6	7	7	8	10	10	11	0
5	5	6	5	6	7	8	8	9	10	11	0	0
6	6	7	6	7	7	9	9	10	11	0	1	1
7	7	8	7	8	8	9	10	11	0	1	2	2
8	7	9	7	9	9	10	11	0	1	1	3	3
9	8	9	8	9	10	11	11	1	2	2	3	4
10	9	10	9	10	11	0	0	1	3	3	4	5
11	10	11	10	11	11	1	1	2	3	4	5	5
12	11	0	11	0	0	1	2	3	4	5	6	6
13	0	1	11	1	1	2	3	4	5	5	7	7
14	0	2	0	1	2	3	3	5	6	6	7	8
15	1	2	1	2	3	4	4	5	7	7	8	9
16	2	3	2	3	3	5	5	6	7	8	9	9
17	3	4	3	4	4	5	6	7	8	9	10	10
18	4	5	4	5	5	6	7	8	9	9	11	11
19	4	6	4	6	6	7	7	9	10	10	11	0
20	5	6	5	6	7	8	8	9	11	11	0	1
21	6	7	6	7	8	9	9	10	11	0	1	1
22	7	8	7	8	8	10	10	11	0	1	2	2
23	8	9	8	9	9	10	11	0	1	2	3	3
24	8	10	8	10	10	11	0	1	2	2	4	4
25	9	10	9	10	11	0	0	2	3	3	4	5
26	10	11	10	11	0	1	1	2	4	4	5	6
27	11	0	11	0	0	2	2	3	4	5	6	6
28	0	1	0	1	1	2	3	4	5	6	7	7
29	1		0	2	2	3	4	5	6	6	8	8
30	1		1	2	3	4	4	6	7	7	8	9
31	2		2		4		5	6		8		10

TABLE 2 (CONTINUED) LUNAR PHASE NU PRIME

YEAR 1927

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	10	0	10	0	0	1	1	3	4	4	5	6
2	11	0	11	0	1	2	2	4	5	5	6	7
3	0	1	0	1	2	3	3	4	6	6	7	7
4	1	2	1	2	2	4	4	5	6	7	8	8
5	2	3	2	3	3	4	5	6	7	8	9	9
6	2	4	2	4	4	5	6	7	8	8	10	10
7	3	4	3	4	5	6	6	8	9	9	10	11
8	4	5	4	5	6	7	7	8	10	10	11	0
9	5	6	5	6	6	8	8	9	10	11	0	0
10	6	7	6	7	7	8	9	10	11	0	1	1
11	7	8	6	8	8	9	10	11	0	0	2	2
12	7	9	7	8	9	10	10	0	1	1	2	3
13	8	9	8	9	10	11	11	0	2	2	3	4
14	9	10	9	10	10	0	0	1	2	3	4	4
15	10	11	10	11	11	0	1	2	3	4	5	5
16	11	0	11	0	0	1	2	3	4	4	6	6
17	11	1	11	1	1	2	2	4	5	5	6	7
18	0	1	0	1	2	3	3	5	6	6	7	8
19	1	2	1	2	3	4	4	5	7	7	8	8
20	2	3	2	3	3	5	5	6	7	8	9	9
21	3	4	3	4	4	5	6	7	8	9	10	10
22	3	5	3	5	5	6	7	8	9	9	11	11
23	4	5	4	5	6	7	7	9	10	10	11	0
24	5	6	5	6	7	8	8	9	11	11	0	1
25	6	7	6	7	7	9	9	10	11	0	1	1
26	7	8	7	8	8	9	10	11	0	1	2	2
27	8	9	7	9	9	10	11	0	1	1	3	3
28	8	10	8	9	10	11	11	1	2	2	3	4
29	9		9	10	11	0	0	1	3	3	4	5
30	10		10	11	11	1	1	2	3	4	5	5
31	11		11		0		2	3		5		6

TABLE 2 (CONTINUED) LUNAR PHASE MU PRIME

YEAR 1928

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	7	8	8	9	9	11	11	0	1	2	3	3
2	8	9	9	10	10	11	0	1	2	3	4	4
3	9	10	9	11	11	0	1	2	3	3	5	5
4	9	11	10	11	0	1	1	3	4	4	5	6
5	10	11	11	0	1	2	2	3	5	5	6	7
6	11	0	0	1	1	3	3	4	5	6	7	7
7	0	1	1	2	2	3	4	5	6	7	8	8
8	1	2	1	3	3	4	5	6	7	7	9	9
9	2	3	2	3	4	5	5	7	8	8	9	10
10	2	4	3	4	5	6	6	7	9	9	10	11
11	3	4	4	5	6	7	7	8	9	10	11	11
12	4	5	5	6	6	8	8	9	10	11	0	0
13	5	6	6	7	7	8	9	10	11	11	1	1
14	6	7	6	8	8	9	10	11	0	0	1	2
15	6	8	7	8	9	10	10	0	1	1	2	3
16	7	8	8	9	10	11	11	0	2	2	3	3
17	8	9	9	10	10	0	0	1	2	3	4	4
18	9	10	10	11	11	0	1	2	3	4	5	5
19	10	11	10	0	0	1	2	3	4	4	6	6
20	10	0	11	0	1	2	2	4	5	5	6	7
21	11	0	0	1	2	3	3	4	6	6	7	8
22	0	1	1	2	2	4	4	5	6	7	8	8
23	1	2	2	3	3	4	5	6	7	8	9	9
24	2	3	2	4	4	5	6	7	8	8	10	10
25	3	4	3	4	5	6	6	8	9	9	10	11
26	3	5	4	5	6	7	7	8	10	10	11	0
27	4	5	5	6	7	8	8	9	10	11	0	0
28	5	6	6	7	7	9	9	10	11	0	1	1
29	6	7	7	8	8	9	10	11	0	0	2	2
30	7		7	9	9	10	11	0	1	1	2	3
31	7		8		10		11	1		2		4

TABLE 2 (CONTINUED) LUNAR PHASE MU PRIME

YEAR 1929

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	4	6	4	6	6	7	8	9	10	10	0	0
2	5	6	5	6	7	8	8	10	11	11	0	1
3	6	7	6	7	8	9	9	10	0	0	1	2
4	7	8	7	8	8	10	10	11	0	1	2	2
5	8	9	8	9	9	10	11	0	1	2	3	3
6	9	10	9	10	10	11	0	1	2	2	4	4
7	9	11	9	11	11	0	0	2	3	3	4	5
8	10	11	10	11	0	1	1	2	4	4	5	6
9	11	0	11	0	1	2	2	3	4	5	6	6
10	0	1	0	1	1	3	3	4	5	6	7	7
11	1	2	1	2	2	3	4	5	6	6	8	8
12	1	3	1	3	3	4	5	6	7	7	8	9
13	2	3	2	3	4	5	5	7	8	8	9	10
14	3	4	3	4	5	6	6	7	9	9	10	11
15	4	5	4	5	5	7	7	8	9	10	11	11
16	5	6	5	6	6	7	8	9	10	11	0	0
17	5	7	5	7	7	8	9	10	11	11	1	1
18	6	8	6	7	8	9	9	11	0	0	1	2
19	7	8	7	8	9	10	10	11	1	1	2	3
20	8	9	8	9	9	11	11	0	1	2	3	3
21	9	10	9	10	10	11	0	1	2	3	4	4
22	10	11	10	11	11	0	1	2	3	3	5	5
23	10	0	10	0	0	1	1	3	4	4	5	6
24	11	0	11	0	1	2	2	3	5	5	6	7
25	0	1	0	1	2	3	3	4	5	6	7	7
26	1	2	1	2	2	4	4	5	6	7	8	8
27	2	3	2	3	3	4	5	6	7	7	9	9
28	2	4	2	4	4	5	6	7	8	8	9	10
29	3		3	4	5	6	6	8	9	9	10	11
30	4		4	5	6	7	7	8	10	10	11	0
31	5		5		6		8	9		11		0

TABLE 2 (CONTINUED) LUNAR PHASE MU PRIME

YEAR 1930

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	1	2	1	2	3	4	4	5	7	7	8	9
2	2	3	2	3	3	5	5	6	7	8	9	9
3	3	4	3	4	4	5	6	7	8	9	10	10
4	4	5	4	5	5	6	7	8	9	9	11	11
5	4	6	4	6	6	7	7	9	10	10	11	0
6	5	6	5	6	7	8	8	9	11	11	0	1
7	6	7	6	7	8	9	9	10	11	0	1	1
8	7	8	7	8	8	10	10	11	0	1	2	2
9	8	9	8	9	9	10	11	0	1	2	3	3
10	8	10	8	10	10	11	0	1	2	2	4	4
11	9	10	9	10	11	0	0	2	3	3	4	5
12	10	11	10	11	0	1	1	2	4	4	5	6
13	11	0	11	0	0	2	2	3	4	5	6	6
14	0	1	0	1	1	2	3	4	5	6	7	7
15	1	2	0	2	2	3	4	5	6	6	8	8
16	1	3	1	2	3	4	4	6	7	7	8	9
17	2	3	2	3	4	5	5	6	8	8	9	10
18	3	4	3	4	4	6	6	7	8	9	10	10
19	4	5	4	5	5	6	7	8	9	10	11	11
20	5	6	5	6	6	7	8	9	10	10	0	0
21	5	7	5	7	7	8	8	10	11	11	0	1
22	6	7	6	7	8	9	9	10	0	0	1	2
23	7	8	7	8	9	10	10	11	1	1	2	2
24	8	9	8	9	9	11	11	0	1	2	3	3
25	9	10	9	10	10	11	0		2	3	4	4
26	9	11	9	11	11	0	1	2	3	3	5	5
27	10	11	10	11	0	1	1	3	4	4	5	6
28	11	0	11	0	1	2	2	3	5	5	6	7
29	0		0	1	1	3	3	4	5	6	7	7
30	1		1	2	2	3	4	5	6	7	8	8
31	2		1		3		5	6		7		9

TABLE 2 (CONTINUED) LUNAR PHASE MU PRIME

YEAR 1931

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	10	11	10	11	11	0	1	2	3	4	5	5
2	11	0	11	0	0	1	2	3	4	4	6	6
3	11	1	11	1	1	2	3	4	5	5	6	7
4	0	1	0	1	2	3	3	5	6	6	7	8
5	1	2	1	2	3	4	4	5	7	7	8	8
6	2	3	2	3	3	5	5	6	7	8	9	9
7	3	4	3	4	4	5	6	7	8	9	10	10
8	3	5	3	5	5	6	7	8	9	9	11	11
9	4	5	4	5	6	7	7	9	10	10	11	0
10	5	6	5	6	7	8	8	9	11	11	0	1
11	6	7	6	7	7	9	9	10	11	0	1	1
12	7	8	7	8	8	9	10	11	0	1	2	2
13	8	9	7	9	9	10	11	0	1	1	3	3
14	8	10	8	9	10	11	11	1	2	2	3	4
15	9	10	9	10	11	0	0	1	3	3	4	5
16	10	11	10	11	11	1	1	2	3	4	5	5
17	11	0	11	0	0	1	2	3	4	5	6	6
18	0	1	0	1	1	2	3	4	5	5	7	7
19	0	2	0	2	2	3	4	5	6	6	7	8
20	1	2	1	2	3	4	4	6	7	7	8	9
21	2	3	2	3	4	5	5	6	8	8	9	9
22	3	4	3	4	4	6	6	7	8	9	10	10
23	4	5	4	5	5	6	7	8	9	10	11	11
24	4	6	4	6	6	7	8	9	10	10	0	0
25	5	6	5	6	7	8	8	10	11	11	0	1
26	6	7	6	7	8	9	9	10	0	0	1	2
27	7	8	7	8	8	10	10	11	0	1	2	2
28	8	9	8	9	9	10	11	0	1	2	3	3
29	9		8	10	10	11	0	1	2	2	4	4
30	9		9	10	11	0	0	2	3	3	4	5
31	10		10		0		1	2		4		6

TABLE 2 (CONTINUED) LUNAR PHASE NU PRIME

YEAR 1932

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	6	8	7	8	9	10	10	0	1	1	2	3
2	7	8	8	9	10	11	11	0	2	2	3	3
3	8	9	9	10	10	0	0	1	2	3	4	4
4	9	10	10	11	11	0	1	2	3	4	5	5
5	10	11	10	0	0	1	2	3	4	4	6	6
6	10	0	11	0	1	2	2	4	5	5	6	7
7	11	0	0	1	2	3	3	4	6	6	7	8
8	0	1	1	2	2	4	4	5	6	7	8	8
9	1	2	2	3	3	4	5	6	7	8	9	9
10	2	3	2	4	4	5	6	7	8	8	10	10
11	3	4	3	4	5	6	6	8	9	9	10	11
12	3	5	4	5	6	7	7	8	10	10	11	0
13	4	5	5	6	7	8	8	9	10	11	0	0
14	5	6	6	7	7	9	9	10	11	0	1	1
15	6	7	7	8	8	9	10	11	0	0	2	2
16	7	8	7	9	9	10	11	0	1	1	2	3
17	7	9	8	9	10	11	11	1	2	2	3	4
18	8	9	9	10	11	0	0	1	3	3	4	4
19	9	10	10	11	11	1	1	2	3	4	5	5
20	10	11	11	0	0	1	2	3	4	5	6	6
21	11	0	11	1	1	2	3	4	5	5	7	7
22	11	1	0	1	2	3	3	5	6	6	7	8
23	0	1	1	2	3	4	4	5	7	7	8	9
24	1	2	2	3	3	5	5	6	7	8	9	9
25	2	3	3	4	4	5	6	7	8	9	10	10
26	3	4	3	5	5	6	7	8	9	9	11	11
27	4	5	4	6	6	7	7	9	10	10	11	0
28	4	6	5	6	7	8	8	9	11	11	0	1
29	5	6	6	7	8	9	9	10	11	0	1	1
30	6		7	8	8	10	10	11	0	1	2	2
31	7		8		9		11	0		1		3

TABLE 2 (CONTINUED) LUNAR PHASE NU PRIME

YEAR 1933

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	4	5	4	5	5	7	7	8	9	10	11	11
2	5	6	5	6	6	7	8	9	10	11	0	0
3	5	7	5	7	7	8	9	10	11	11	1	1
4	6	8	6	7	8	9	9	11	0	0	1	2
5	7	8	7	8	9	10	10	11	1	1	2	3
6	8	9	8	9	9	11	11	0	1	2	3	3
7	9	10	9	10	10	11	0	1	2	3	4	4
8	10	11	10	11	11	0	1	2	3	3	5	5
9	10	0	10	0	0	1	1	3	4	4	5	6
10	11	0	11	0	1	2	2	3	5	5	6	7
11	0	1	0	1	2	3	3	4	5	6	7	7
12	1	2	1	2	2	4	4	5	6	7	8	8
13	2	3	2	3	3	4	5	6	7	7	9	9
14	2	4	2	4	4	5	6	7	8	8	10	10
15	3	4	3	4	5	6	6	8	9	9	10	11
16	4	5	4	5	6	7	7	8	10	10	11	0
17	5	6	5	6	6	8	8	9	10	11	0	0
18	6	7	6	7	7	8	9	10	11	0	1	1
19	6	8	6	8	8	9	10	11	0	0	2	2
20	7	9	7	8	9	10	10	0	1	1	2	3
21	8	9	8	9	10	11	11	0	2	2	3	4
22	9	10	9	10	10	0	0	1	2	3	4	4
23	10	11	10	11	11	0	1	2	3	4	5	5
24	11	0	11	0	0	1	2	3	4	4	6	6
25	11	1	11	1	1	2	2	4	5	5	6	7
26	0	1	0	1	2	3	3	4	6	6	7	8
27	1	2	1	2	3	4	4	5	6	7	8	8
28	2	3	2	3	3	5	5	6	7	8	9	9
29	3		3	4	4	5	6	7	8	8	10	10
30	3		3	5	5	6	7	8	9	9	11	11
31	4		4		6		7	9		10		0

TABLE 2 (CONTINUED) LUNAR PHASE MU PRIME

YEAR 1934

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	1	2	0	2	2	3	4	5	6	6	8	8
2	1	3	1	2	3	4	4	6	7	7	8	9
3	2	3	2	3	4	5	5	6	8	8	9	10
4	3	4	3	4	4	6	6	7	8	9	10	10
5	4	5	4	5	5	6	7	8	9	10	11	11
6	5	6	5	6	6	7	8	9	10	10	0	0
7	5	7	5	7	7	8	8	10	11	11	0	1
8	6	7	6	7	8	9	9	10	0	0	1	2
9	7	8	7	8	9	10	10	11	1	1	2	2
10	8	9	8	9	9	11	11	0	1	2	3	3
11	9	10	9	10	10	11	0	1	2	3	4	4
12	9	11	9	11	11	0	1	2	3	3	5	5
13	10	11	10	11	0	1	1	3	4	4	5	6
14	11	0	11	0	1	2	2	3	5	5	6	7
15	0	1	0	1	1	3	3	4	5	6	7	7
16	1	2	1	2	2	3	4	5	6	7	8	8
17	2	3	1	3	3	4	5	6	7	7	9	9
18	2	4	2	3	4	5	5	7	8	8	9	10
19	3	4	3	4	5	6	6	7	9	9	10	11
20	4	5	4	5	5	7	7	8	9	10	11	11
21	5	6	5	6	6	7	8	9	10	11	0	0
22	6	7	6	7	7	8	9	10	11	11	1	1
23	6	8	6	8	8	9	9	11	0	0	1	2
24	7	8	7	8	9	10	10	11	1	1	2	3
25	8	9	8	9	10	11	11	0	2	2	3	3
26	9	10	9	10	10	0	0	1	2	3	4	4
27	10	11	10	11	11	0	1	2	3	4	5	5
28	10	0	10	0	0	1	2	3	4	4	6	6
29	11		11	0	1	2	2	4	5	5	6	7
30	0		0	1	2	3	3	4	6	6	7	8
31	1		1		2		4	5		7		8

TABLE 2 (CONTINUED) LUNAR PHASE MU PRIME

YEAR 1935

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	9	10	9	10	11	0	0	1	3	3	4	5
2	10	11	10	11	11	1	1	2	3	4	5	5
3	11	0	11	0	0	1	2	3	4	5	6	6
4	0	1	0	1	1	2	3	4	5	5	7	7
5	0	2	0	2	2	3	4	5	6	6	7	8
6	1	2	1	2	3	4	4	6	7	7	8	9
7	2	3	2	3	4	5	5	6	8	8	9	9
8	3	4	3	4	4	6	6	7	8	9	10	10
9	4	5	4	5	5	6	7	8	9	10	11	11
10	4	6	4	6	6	7	8	9	10	10	0	0
11	5	6	5	6	7	8	8	10	11	11	0	1
12	6	7	6	7	8	9	9	10	0	0	1	2
13	7	8	7	8	8	10	10	11	0	1	2	2
14	8	9	8	9	9	10	11	0	1	2	3	3
15	9	10	9	10	10	11	0	1	2	2	4	4
16	9	11	9	10	11	0	0	2	3	3	4	5
17	10	11	10	11	0	1	1	2	4	4	5	6
18	11	0	11	0	0	2	2	3	4	5	6	6
19	0	1	0	1	1	3	3	4	5	6	7	7
20	1	2	1	2	2	3	4	5	6	6	8	8
21	1	3	1	3	3	4	5	6	7	7	8	9
22	2	3	2	3	4	5	5	7	8	8	9	10
23	3	4	3	4	5	6	6	7	9	9	10	10
24	4	5	4	5	5	7	7	8	9	10	11	11
25	5	6	5	6	6	7	8	9	10	11	0	0
26	5	7	5	7	7	8	9	10	11	11	1	1
27	6	7	6	7	8	9	9	11	0	0	1	2
28	7	8	7	8	9	10	10	11	1	1	2	3
29	8		8	9	9	11	11	0	1	2	3	3
30	9		9	10	10	11	0	1	2	3	4	4
31	10		9		11		1	2		3		5

TABLE 2 (CONTINUED) LUNAR PHASE NU PRIME

YEAR 1936

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	6	7	7	8	8	9	10	11	0	0	2	2
2	7	8	7	9	9	10	11	0	1	1	2	3
3	7	9	8	9	10	11	11	1	2	2	3	4
4	8	9	9	10	11	0	0	1	3	3	4	4
5	9	10	10	11	11	1	1	2	3	4	5	5
6	10	11	11	0	0	1	2	3	4	5	6	6
7	11	0	11	1	1	2	3	4	5	5	7	7
8	11	1	0	1	2	3	3	5	6	6	7	8
9	0	1	1	2	3	4	4	5	7	7	8	9
10	1	2	2	3	3	5	5	6	7	8	9	9
11	2	3	3	4	4	5	6	7	8	9	10	10
12	3	4	3	5	5	6	7	8	9	9	11	11
13	4	5	4	6	6	7	7	9	10	10	11	0
14	4	6	5	6	7	8	8	9	11	11	0	1
15	5	6	6	7	8	9	9	10	11	0	1	1
16	6	7	7	8	8	10	10	11	0	1	2	2
17	7	8	8	9	9	10	11	0	1	1	3	3
18	8	9	8	10	10	11	0	1	2	2	3	4
19	8	10	9	10	11	0	0	2	3	3	4	5
20	9	10	10	11	0	1	1	2	4	4	5	5
21	10	11	11	0	0	2	2	3	4	5	6	6
22	11	0	0	1	1	2	3	4	5	6	7	7
23	0	1	0	2	2	3	4	5	6	6	8	8
24	0	2	1	2	3	4	4	6	7	7	8	9
25	1	2	2	3	4	5	5	6	8	8	9	10
26	2	3	3	4	4	6	6	7	8	9	10	10
27	3	4	4	5	5	6	7	8	9	10	11	11
28	4	5	4	6	6	7	8	9	10	10	0	0
29	5	6	5	7	7	8	8	10	11	11	0	1
30	5		6	7	8	9	9	10	0	0	1	2
31	6		7		9		10	11		1		2

TABLE 2 (CONTINUED) LUNAR PHASE NU PRIME

YEAR 1937

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	3	4	3	4	5	6	6	8	9	9	10	11
2	4	5	4	5	6	7	7	8	10	10	11	0
3	5	6	5	6	6	8	8	9	10	11	0	0
4	6	7	6	7	7	8	9	10	11	0	1	1
5	6	8	6	8	8	9	10	11	0	0	2	2
6	7	9	7	8	9	10	10	0	1	1	2	3
7	8	9	8	9	10	11	11	0	2	2	3	4
8	9	10	9	10	10	0	0	1	2	3	4	4
9	10	11	10	11	11	0	1	2	3	4	5	5
10	11	0	11	0	0	1	2	3	4	4	6	6
11	11	1	11	1	1	2	2	4	5	5	6	7
12	0	1	0	1	2	3	3	4	6	6	7	8
13	1	2	1	2	3	4	4	5	6	7	8	8
14	2	3	2	3	3	5	5	6	7	8	9	9
15	3	4	3	4	4	5	6	7	8	8	10	10
16	3	5	3	5	5	6	7	8	9	9	11	11
17	4	5	4	5	6	7	7	9	10	10	11	0
18	5	6	5	6	7	8	8	9	11	11	0	1
19	6	7	6	7	7	9	9	10	11	0	1	1
20	7	8	7	8	8	9	10	11	0	1	2	2
21	8	9	7	9	9	10	11	0	1	1	3	3
22	8	10	8	9	10	11	11	1	2	2	3	4
23	9	10	9	10	11	0	0	1	3	3	4	5
24	10	11	10	11	11	1	1	2	3	4	5	5
25	11	0	11	0	0	1	2	3	4	5	6	6
26	0	1	0	1	1	2	3	4	5	5	7	7
27	0	2	0	2	2	3	3	5	6	6	7	8
28	1	2	1	2	3	4	4	5	7	7	8	9
29	2		2	3	4	5	5	6	7	8	9	9
30	3		3	4	4	6	6	7	8	9	10	10
31	4		4		5		7	8		10		11

TABLE 2 (CONTINUED) LUNAR PHASE NU PRIME

YEAR 1938

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	0	1	0	1	1	3	3	4	5	6	7	7
2	1	2	1	2	2	3	4	5	6	7	8	8
3	2	3	1	3	3	4	5	6	7	7	9	9
4	2	4	2	3	4	5	5	7	8	8	9	10
5	3	4	3	4	5	6	6	7	9	9	10	11
6	4	5	4	5	5	7	7	8	9	10	11	11
7	5	6	5	6	6	7	8	9	10	11	0	0
8	6	7	6	7	7	8	9	10	11	11	1	1
9	6	8	6	8	8	9	9	11	0	0	1	2
10	7	8	7	8	9	10	10	11	1	1	2	3
11	8	9	8	9	10	11	11	0	2	2	3	3
12	9	10	9	10	10	0	0	1	2	3	4	4
13	10	11	10	11	11	0	1	2	3	4	5	5
14	10	0	10	0	0	1	2	3	4	4	6	6
15	11	0	11	0	1	2	2	4	5	5	6	7
16	0	1	0	1	2	3	3	4	6	6	7	8
17	1	2	1	2	2	4	4	5	6	7	8	8
18	2	3	2	3	3	4	5	6	7	8	9	9
19	3	4	2	4	4	5	6	7	8	8	10	10
20	3	5	3	4	5	6	6	8	9	9	10	11
21	4	5	4	5	6	7	7	8	10	10	11	0
22	5	6	5	6	6	8	8	9	10	11	0	0
23	6	7	6	7	7	8	9	10	11	0	1	1
24	7	8	7	8	8	9	10	11	0	0	2	2
25	7	9	7	9	9	10	10	0	1	1	2	3
26	8	9	8	9	10	11	11	1	2	2	3	4
27	9	10	9	10	11	0	0	1	3	3	4	4
28	10	11	10	11	11	1	1	2	3	4	5	5
29	11		11	0	0	1	2	3	4	5	6	6
30	11		11	1	1	2	3	4	5	5	7	7
31	0		0		2		3	5		6		8

TABLE 2 (CONTINUED) LUNAR PHASE NU PRIME

YEAR 1939

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	9	10	8	10	10	11	0	1	2	2	4	4
2	9	11	9	10	11	0	0	2	3	3	4	5
3	10	11	10	11	0	1	1	2	4	4	5	6
4	11	0	11	0	0	2	2	3	4	5	6	6
5	0	1	0	1	1	3	3	4	5	6	7	7
6	1	2	1	2	2	3	4	5	6	6	8	8
7	1	3	1	3	3	4	5	6	7	7	8	9
8	2	3	2	3	4	5	5	7	8	8	9	10
9	3	4	3	4	5	6	6	7	9	9	10	10
10	4	5	4	5	5	7	7	8	9	10	11	11
11	5	6	5	6	6	7	8	9	10	11	0	0
12	5	7	5	7	7	8	9	10	11	11	1	1
13	6	7	6	7	8	9	9	11	0	0	1	2
14	7	8	7	8	9	10	10	11	1	1	2	3
15	8	9	8	9	9	11	11	0	1	2	3	3
16	9	10	9	10	10	11	0	1	2	3	4	4
17	10	11	9	11	11	0	1	2	3	3	5	5
18	10	0	10	11	0	1	1	3	4	4	5	6
19	11	0	11	0	1	2	2	3	5	5	6	7
20	0	1	0	1	1	3	3	4	5	6	7	7
21	1	2	1	2	2	4	4	5	6	7	8	8
22	2	3	2	3	3	4	5	6	7	7	9	9
23	2	4	2	4	4	5	6	7	8	8	9	10
24	3	4	3	4	5	6	6	8	9	9	10	11
25	4	5	4	5	6	7	7	8	10	10	11	11
26	5	6	5	6	6	8	8	9	10	11	0	0
27	6	7	6	7	7	8	9	10	11	0	1	1
28	6	8	6	8	8	9	10	11	0	0	2	2
29	7		7	8	9	10	10	0	1	1	2	3
30	8		8	9	10	11	11	0	2	2	3	4
31	9		9		10		0	1		3		4

TABLE 2 (CONTINUED) LUNAR PHASE NU PRIME

YEAR 1940

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	5	6	6	7	8	9	9	10	11	0	1	1
2	6	7	7	8	8	10	10	11	0	1	2	2
3	7	8	8	9	9	10	11	0	1	1	3	3
4	8	9	8	10	10	11	0	1	2	2	3	4
5	8	10	9	10	11	0	0	2	3	3	4	5
6	9	10	10	11	0	1	1	2	4	4	5	5
7	10	11	11	0	0	2	2	3	4	5	6	6
8	11	0	0	1	1	2	3	4	5	6	7	7
9	0	1	0	2	2	3	4	5	6	6	8	8
10	0	2	1	2	3	4	4	6	7	7	8	9
11	1	2	2	3	4	5	5	6	8	8	9	10
12	2	3	3	4	4	6	6	7	8	9	10	10
13	3	4	4	5	5	6	7	8	9	10	11	11
14	4	5	5	6	6	7	8	9	10	10	0	0
15	5	6	5	7	7	8	8	10	11	11	0	1
16	5	7	6	7	8	9	9	10	0	0	1	2
17	6	7	7	8	9	10	10	11	0	1	2	2
18	7	8	8	9	9	11	11	0	1	2	3	3
19	8	9	9	10	10	11	0	1	2	2	4	4
20	9	10	9	11	11	0	1	2	3	3	4	5
21	9	11	10	11	0	1	1	3	4	4	5	6
22	10	11	11	0	1	2	2	3	5	5	6	6
23	11	0	0	1	1	3	3	4	5	6	7	7
24	0	1	1	2	2	3	4	5	6	7	8	8
25	1	2	1	3	3	4	5	6	7	7	9	9
26	1	3	2	3	4	5	5	7	8	8	9	10
27	2	3	3	4	5	6	6	7	9	9	10	11
28	3	4	4	5	5	7	7	8	9	10	11	11
29	4	5	5	6	6	7	8	9	10	11	0	0
30	5		6	7	7	8	9	10	11	11	1	1
31	6		6		8		9	11		0		2

TABLE 2 (CONTINUED) LUNAR PHASE NU PRIME

YEAR 1941

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	3	4	3	4	4	5	6	7	8	8	10	10
2	3	5	3	5	5	6	7	8	9	9	11	11
3	4	5	4	5	6	7	7	9	10	10	11	0
4	5	6	5	6	7	8	8	9	11	11	0	1
5	6	7	6	7	7	9	9	10	11	0	1	1
6	7	8	7	8	8	9	10	11	0	1	2	2
7	8	9	7	9	9	10	11	0	1	1	3	3
8	8	10	8	9	10	11	11	1	2	2	3	4
9	9	10	9	10	11	0	0	1	3	3	4	5
10	10	11	10	11	11	1	1	2	3	4	5	5
11	11	0	11	0	0	1	2	3	4	5	6	6
12	0	1	0	1	1	2	3	4	5	5	7	7
13	0	2	0	2	2	3	3	5	6	6	7	8
14	1	2	1	2	3	4	4	5	7	7	8	9
15	2	3	2	3	4	5	5	6	7	8	9	9
16	3	4	3	4	4	6	6	7	8	9	10	10
17	4	5	4	5	5	6	7	8	9	10	11	11
18	4	6	4	6	6	7	8	9	10	10	0	0
19	5	6	5	6	7	8	8	10	11	11	0	1
20	6	7	6	7	8	9	9	10	0	0	1	2
21	7	8	7	8	8	10	10	11	0	1	2	2
22	8	9	8	9	9	10	11	0	1	2	3	3
23	9	10	8	10	10	11	0	1	2	2	4	4
24	9	11	9	10	11	0	0	2	3	3	4	5
25	10	11	10	11	0	1	1	2	4	4	5	6
26	11	0	11	0	0	2	2	3	4	5	6	6
27	0	1	0	1	1	2	3	4	5	6	7	7
28	1	2	1	2	2	3	4	5	6	6	8	8
29	1		1	3	3	4	4	6	7	7	8	9
30	2		2	3	4	5	5	6	8	8	9	10
31	3		3		5		6	7		9		10

TABLE 2 (CONTINUED) LUNAR PHASE MU PRIME

YEAR 1942

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	11	0	11	0	1	2	2	4	5	5	6	7
2	0	1	0	1	2	3	3	4	6	6	7	8
3	1	2	1	2	2	4	4	5	6	7	8	8
4	2	3	2	3	3	4	5	6	7	8	9	9
5	3	4	2	4	4	5	6	7	8	8	10	10
6	3	5	3	4	5	6	6	8	9	9	10	11
7	4	5	4	5	6	7	7	8	10	10	11	0
8	5	6	5	6	6	8	8	9	10	11	0	0
9	6	7	6	7	7	8	9	10	11	0	1	1
10	7	8	7	8	8	9	10	11	0	0	2	2
11	7	9	7	9	9	10	10	0	1	1	2	3
12	8	9	8	9	10	11	11	1	2	2	3	4
13	9	10	9	10	11	0	0	1	3	3	4	4
14	10	11	10	11	11	1	1	2	3	4	5	5
15	11	0	11	0	0	1	2	3	4	5	6	6
16	11	1	11	1	1	2	3	4	5	5	7	7
17	0	1	0	1	2	3	3	5	6	6	7	8
18	1	2	1	2	3	4	4	5	7	7	8	9
19	2	3	2	3	3	5	5	6	7	8	9	9
20	3	4	3	4	4	5	6	7	8	9	10	10
21	4	5	3	5	5	6	7	8	9	9	11	11
22	4	6	4	5	6	7	7	9	10	10	11	0
23	5	6	5	6	7	8	8	9	11	11	0	1
24	6	7	6	7	7	9	9	10	11	0	1	1
25	7	8	7	8	8	9	10	11	0	1	2	2
26	8	9	8	9	9	10	11	0	1	1	3	3
27	8	10	8	10	10	11	0	1	2	2	3	4
28	9	10	9	10	11	0	0	2	3	3	4	5
29	10		10	11	0	1	1	2	4	4	5	5
30	11		11	0	0	2	2	3	4	5	6	6
31	0		0		1		3	4		6		7

TABLE 2 (CONTINUED) LUNAR PHASE MU PRIME

YEAR 1943

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	8	9	8	9	9	11	11	0	1	2	3	3
2	9	10	9	10	10	11	0	1	2	3	4	4
3	10	11	9	11	11	0	1	2	3	3	5	5
4	10	0	10	11	0	1	1	3	4	4	5	6
5	11	0	11	0	1	2	2	3	5	5	6	7
6	0	1	0	1	1	3	3	4	5	6	7	7
7	1	2	1	2	2	4	4	5	6	7	8	8
8	2	3	2	3	3	4	5	6	7	7	9	9
9	2	4	2	4	4	5	6	7	8	8	9	10
10	3	4	3	4	5	6	6	8	9	9	10	11
11	4	5	4	5	6	7	7	8	10	10	11	11
12	5	6	5	6	6	8	8	9	10	11	0	0
13	6	7	6	7	7	8	9	10	11	0	1	1
14	6	8	6	8	8	9	10	11	0	0	2	2
15	7	8	7	8	9	10	10	0	1	1	2	3
16	8	9	8	9	10	11	11	0	2	2	3	4
17	9	10	9	10	10	0	0	1	2	3	4	4
18	10	11	10	11	11	0	1	2	3	4	5	5
19	11	0	10	0	0	1	2	3	4	4	6	6
20	11	1	11	0	1	2	2	4	5	5	6	7
21	0	1	0	1	2	3	3	4	6	6	7	8
22	1	2	1	2	3	4	4	5	6	7	8	8
23	2	3	2	3	3	5	5	6	7	8	9	9
24	3	4	3	4	4	5	6	7	8	8	10	10
25	3	5	3	5	5	6	7	8	9	9	10	11
26	4	5	4	5	6	7	7	9	10	10	11	0
27	5	6	5	6	7	8	8	9	11	11	0	0
28	6	7	6	7	7	9	9	10	11	0	1	1
29	7		7	8	8	9	10	11	0	1	2	2
30	7		7	9	9	10	11	0	1	1	3	3
31	8		8		10		11	1		2		4

TABLE 2 (CONTINUED) LUNAR PHASE NU PRIME

YEAR 1944

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	5	6	5	7	7	8	8	10	11	11	0	1
2	5	7	6	7	8	9	9	10	0	0	1	2
3	6	7	7	8	9	10	10	11	0	1	2	2
4	7	8	8	9	9	11	11	0	1	2	3	3
5	8	9	9	10	10	11	0	1	2	2	4	4
6	9	10	9	11	11	0	1	2	3	3	4	5
7	9	11	10	11	0	1	1	3	4	4	5	6
8	10	11	11	0	1	2	2	3	5	5	6	7
9	11	0	0	1	1	3	3	4	5	6	7	7
10	0	1	1	2	2	3	4	5	6	7	8	8
11	1	2	1	3	3	4	5	6	7	7	9	9
12	1	3	2	3	4	5	5	7	8	8	9	10
13	2	3	3	4	5	6	6	7	9	9	10	11
14	3	4	4	5	5	7	7	8	9	10	11	11
15	4	5	5	6	6	7	8	9	10	11	0	0
16	5	6	6	7	7	8	9	10	11	11	1	1
17	6	7	6	8	8	9	9	11	0	0	1	2
18	6	8	7	8	9	10	10	11	1	1	2	3
19	7	8	8	9	10	11	11	0	1	2	3	3
20	8	9	9	10	10	0	0	1	2	3	4	4
21	9	10	10	11	11	0	1	2	3	3	5	5
22	10	11	10	0	0	1	2	3	4	4	5	6
23	10	0	11	0	1	2	2	4	5	5	6	7
24	11	0	0	1	2	3	3	4	6	6	7	8
25	0	1	1	2	2	4	4	5	6	7	8	8
26	1	2	2	3	3	4	5	6	7	8	9	9
27	2	3	2	4	4	5	6	7	8	8	10	10
28	2	4	3	4	5	6	6	8	9	9	10	11
29	3	5	4	5	6	7	7	8	10	10	11	0
30	4		5	6	6	8	8	9	10	11	0	0
31	5		6		7		9	10		0		1

TABLE 2 (CONTINUED) LUNAR PHASE NU PRIME

YEAR 1945

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	2	3	2	3	4	5	5	6	7	8	9	9
2	3	4	3	4	4	6	6	7	8	9	10	10
3	4	5	4	5	5	6	7	8	9	10	11	11
4	4	6	4	6	6	7	8	9	10	10	0	0
5	5	6	5	6	7	8	8	10	11	11	0	1
6	6	7	6	7	8	9	9	10	0	0	1	2
7	7	8	7	8	8	10	10	11	0	1	2	2
8	8	9	8	9	9	10	11	0	1	2	3	3
9	9	10	8	10	10	11	0	1	2	2	4	4
10	9	11	9	10	11	0	0	2	3	3	4	5
11	10	11	10	11	0	1	1	2	4	4	5	6
12	11	0	11	0	0	2	2	3	4	5	6	6
13	0	1	0	1	1	2	3	4	5	6	7	7
14	1	2	1	2	2	3	4	5	6	6	8	8
15	1	3	1	3	3	4	4	6	7	7	8	9
16	2	3	2	3	4	5	5	6	8	8	9	10
17	3	4	3	4	5	6	6	7	8	9	10	10
18	4	5	4	5	5	7	7	8	9	10	11	11
19	5	6	5	6	6	7	8	9	10	11	0	0
20	5	7	5	7	7	8	9	10	11	11	1	1
21	6	7	6	7	8	9	9	11	0	0	1	2
22	7	8	7	8	9	10	10	11	1	1	2	3
23	8	9	8	9	9	11	11	0	1	2	3	3
24	9	10	9	10	10	11	0	1	2	3	4	4
25	10	11	9	11	11	0	1	2	3	3	5	5
26	10	0	10	11	0	1	1	3	4	4	5	6
27	11	0	11	0	1	2	2	3	5	5	6	7
28	0	1	0	1	1	3	3	4	5	6	7	7
29	1		1	2	2	3	4	5	6	7	8	8
30	2		2	3	3	4	5	6	7	7	9	9
31	2		2		4		5	7		8		10

TABLE 2 (CONTINUED) LUNAR PHASE NU PRIME

YEAR 1946

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	11	0	11	0	0	1	2	3	4	5	6	6
2	11	1	11	1	1	2	3	4	5	5	7	7
3	0	1	0	1	2	3	3	5	6	6	7	8
4	1	2	1	2	3	4	4	5	7	7	8	9
5	2	3	2	3	3	5	5	6	7	8	9	9
6	3	4	3	4	4	5	6	7	8	9	10	10
7	4	5	3	5	5	6	7	8	9	9	11	11
8	4	6	4	5	6	7	7	9	10	10	11	0
9	5	6	5	6	7	8	8	9	11	11	0	1
10	6	7	6	7	7	9	9	10	11	0	1	1
11	7	8	7	8	8	9	10	11	0	1	2	2
12	8	9	8	9	9	10	11	0	1	1	3	3
13	8	10	8	10	10	11	0	1	2	2	3	4
14	9	10	9	10	11	0	0	2	3	3	4	5
15	10	11	10	11	0	1	1	2	4	4	5	5
16	11	0	11	0	0	2	2	3	4	5	6	6
17	0	1	0	1	1	2	3	4	5	6	7	7
18	0	2	0	2	2	3	4	5	6	6	8	8
19	1	2	1	2	3	4	4	6	7	7	8	9
20	2	3	2	3	4	5	5	6	8	8	9	10
21	3	4	3	4	4	6	6	7	8	9	10	10
22	4	5	4	5	5	6	7	8	9	10	11	11
23	5	6	4	6	6	7	8	9	10	10	0	0
24	5	7	5	6	7	8	8	10	11	11	0	1
25	6	7	6	7	8	9	9	10	0	0	1	2
26	7	8	7	8	8	10	10	11	0	1	2	2
27	8	9	8	9	9	10	11	0	1	2	3	3
28	9	10	9	10	10	11	0	1	2	2	4	4
29	9		9	11	11	0	1	2	3	3	4	5
30	10		10	11	0	1	1	3	4	4	5	6
31	11		11		1		2	3		5		6

TABLE 2 (CONTINUED) LUNAR PHASE NU PRIME

YEAR 1947

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	7	8	7	8	9	10	10	0	1	1	2	3
2	8	9	8	9	10	11	11	0	2	2	3	4
3	9	10	9	10	10	0	0	1	2	3	4	4
4	10	11	10	11	11	0	1	2	3	4	5	5
5	11	0	10	0	0	1	2	3	4	4	6	6
6	11	1	11	0	1	2	2	4	5	5	6	7
7	0	1	0	1	2	3	3	4	6	6	7	8
8	1	2	1	2	3	4	4	5	6	7	8	8
9	2	3	2	3	3	5	5	6	7	8	9	9
10	3	4	3	4	4	5	6	7	8	8	10	10
11	3	5	3	5	5	6	7	8	9	9	10	11
12	4	5	4	5	6	7	7	9	10	10	11	0
13	5	6	5	6	7	8	8	9	11	11	0	0
14	6	7	6	7	7	9	9	10	11	0	1	1
15	7	8	7	8	8	9	10	11	0	1	2	2
16	7	9	7	9	9	10	11	0	1	1	3	3
17	8	9	8	9	10	11	11	1	2	2	3	4
18	9	10	9	10	11	0	0	1	3	3	4	5
19	10	11	10	11	11	1	1	2	3	4	5	5
20	11	0	11	0	0	1	2	3	4	5	6	6
21	0	1	11	1	1	2	3	4	5	5	7	7
22	0	2	0	2	2	3	3	5	6	6	7	8
23	1	2	1	2	3	4	4	5	7	7	8	9
24	2	3	2	3	4	5	5	6	7	8	9	9
25	3	4	3	4	4	6	6	7	8	9	10	10
26	4	5	4	5	5	6	7	8	9	9	11	11
27	4	6	4	6	6	7	8	9	10	10	11	0
28	5	6	5	6	7	8	8	10	11	11	0	1
29	6		6	7	8	9	9	10	0	0	1	1
30	7		7	8	8	10	10	11	0	1	2	2
31	8		8		9		11	0		2		3

TABLE 2 (CONTINUED) LUNAR PHASE NU PRIME

YEAR 1948

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	4	5	5	6	6	7	8	9	10	11	0	0
2	5	6	6	7	7	8	9	10	11	11	1	1
3	6	7	6	8	8	9	9	11	0	0	1	2
4	6	8	7	8	9	10	10	11	1	1	2	3
5	7	8	8	9	10	11	11	0	1	2	3	3
6	8	9	9	10	10	0	0	1	2	3	4	4
7	9	10	10	11	11	0	1	2	3	3	5	5
8	10	11	10	0	0	1	2	3	4	4	5	6
9	10	0	11	0	1	2	2	4	5	5	6	7
10	11	0	0	1	2	3	3	4	6	6	7	8
11	0	1	1	2	2	4	4	5	6	7	8	8
12	1	2	2	3	3	4	5	6	7	8	9	9
13	2	3	2	4	4	5	6	7	8	8	10	10
14	2	4	3	4	5	6	6	8	9	9	10	11
15	3	5	4	5	6	7	7	8	10	10	11	0
16	4	5	5	6	6	8	8	9	10	11	0	0
17	5	6	6	7	7	8	9	10	11	0	1	1
18	6	7	7	8	8	9	10	11	0	0	2	2
19	7	8	7	9	9	10	10	0	1	1	2	3
20	7	9	8	9	10	11	11	0	2	2	3	4
21	8	9	9	10	11	0	0	1	2	3	4	4
22	9	10	10	11	11	1	1	2	3	4	5	5
23	10	11	11	0	0	1	2	3	4	4	6	6
24	11	0	11	1	1	2	3	4	5	5	7	7
25	11	1	0	1	2	3	3	5	6	6	7	8
26	0	1	1	2	3	4	4	5	7	7	8	9
27	1	2	2	3	3	5	5	6	7	8	9	9
28	2	3	3	4	4	5	6	7	8	9	10	10
29	3	4	3	5	5	6	7	8	9	9	11	11
30	3		4	5	6	7	7	9	10	10	11	0
31	4		5		7		8	9		11		1

TABLE 2 (CONTINUED) LUNAR PHASE NU PRIME

YEAR 1949

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	1	3	1	3	3	4	4	6	7	7	8	9
2	2	3	2	3	4	5	5	6	8	8	9	10
3	3	4	3	4	5	6	6	7	9	9	10	10
4	4	5	4	5	5	7	7	8	9	10	11	11
5	5	6	5	6	6	7	8	9	10	11	0	0
6	5	7	5	7	7	8	9	10	11	11	1	1
7	6	7	6	7	8	9	9	11	0	0	1	2
8	7	8	7	8	9	10	10	11	1	1	2	3
9	8	9	8	9	9	11	11	0	1	2	3	3
10	9	10	9	10	10	11	0	1	2	3	4	4
11	10	11	9	11	11	0	1	2	3	3	5	5
12	10	0	10	11	0	1	1	3	4	4	5	6
13	11	0	11	0	1	2	2	3	5	5	6	7
14	0	1	0	1	1	3	3	4	5	6	7	7
15	1	2	1	2	2	3	4	5	6	7	8	8
16	2	3	2	3	3	4	5	6	7	7	9	9
17	2	4	2	4	4	5	5	7	8	8	9	10
18	3	4	3	4	5	6	6	7	9	9	10	11
19	4	5	4	5	6	7	7	8	10	10	11	11
20	5	6	5	6	6	8	8	9	10	11	0	0
21	6	7	6	7	7	8	9	10	11	0	1	1
22	6	8	6	8	8	9	10	11	0	0	2	2
23	7	8	7	8	9	10	10	0	1	1	2	3
24	8	9	8	9	10	11	11	0	2	2	3	4
25	9	10	9	10	10	0	0	1	2	3	4	4
26	10	11	10	11	11	0	1	2	3	4	5	5
27	11	0	10	0	0	1	2	3	4	4	6	6
28	11	1	11	0	1	2	2	4	5	5	6	7
29	0		0	1	2	3	3	4	6	6	7	8
30	1		1	2	2	4	4	5	6	7	8	8
31	2		2		3		5	6		8		9

TABLE 2 (CONTINUED) LUNAR PHASE MU PRIME

YEAR 1930

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	10	11	10	11	0	1	1	2	4	4	5	5
2	11	0	11	0	0	2	2	3	4	5	6	6
3	0	1	0	1	1	2	3	4	5	6	7	7
4	0	2	0	2	2	3	4	5	6	6	8	8
5	1	2	1	2	3	4	4	6	7	7	8	9
6	2	3	2	3	4	5	5	6	8	8	9	10
7	3	4	3	4	4	6	6	7	8	9	10	10
8	4	5	4	5	5	6	7	8	9	10	11	11
9	5	6	4	6	6	7	8	9	10	10	0	0
10	5	7	5	6	7	8	8	10	11	11	0	1
11	6	7	6	7	8	9	9	10	0	0	1	2
12	7	8	7	8	8	10	10	11	0	1	2	2
13	8	9	8	9	9	10	11	0	1	2	3	3
14	9	10	9	10	10	11	0	1	2	2	4	4
15	9	11	9	11	11	0	1	2	3	3	4	5
16	10	11	10	11	0	1	1	3	4	4	5	6
17	11	0	11	0	1	2	2	3	5	5	6	6
18	0	1	0	1	1	3	3	4	5	6	7	7
19	1	2	1	2	2	3	4	5	6	7	8	8
20	1	3	1	3	3	4	5	6	7	7	9	9
21	2	3	2	3	4	5	5	7	8	8	9	10
22	3	4	3	4	5	6	6	7	9	9	10	11
23	4	5	4	5	5	7	7	8	9	10	11	11
24	5	6	5	6	6	7	8	9	10	11	0	0
25	6	7	5	7	7	8	9	10	11	11	1	1
26	6	8	6	7	8	9	9	11	0	0	1	2
27	7	8	7	8	9	10	10	11	1	1	2	3
28	8	9	8	9	9	11	11	0	1	2	3	3
29	9		9	10	10	0	0	1	2	3	4	4
30	10		10	11	11	0	1	2	3	3	5	5
31	10		10		0		2	3		4		6

TABLE 2 (CONTINUED) LUNAR PHASE MU PRIME

YEAR 1931

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	7	8	7	8	8	9	10	11	0	1	2	2
2	7	9	7	9	9	10	11	0	1	1	3	3
3	8	9	8	9	10	11	11	1	2	2	3	4
4	9	10	9	10	11	0	0	1	3	3	4	5
5	10	11	10	11	11	1	1	2	3	4	5	5
6	11	0	11	0	0	1	2	3	4	5	6	6
7	0	1	11	1	1	2	3	4	5	5	7	7
8	0	2	0	2	2	3	3	5	6	6	7	8
9	1	2	1	2	3	4	4	5	7	7	8	9
10	2	3	2	3	4	5	5	6	7	8	9	9
11	3	4	3	4	4	6	6	7	8	9	10	10
12	4	5	4	5	5	6	7	8	9	9	11	11
13	4	6	4	6	6	7	8	9	10	10	11	0
14	5	6	5	6	7	8	8	10	11	11	0	1
15	6	7	6	7	8	9	9	10	0	0	1	1
16	7	8	7	8	8	10	10	11	0	1	2	2
17	8	9	8	9	9	10	11	0	1	2	3	3
18	8	10	8	10	10	11	0	1	2	2	4	4
19	9	10	9	10	11	0	0	2	3	3	4	5
20	10	11	10	11	0	1	1	2	4	4	5	6
21	11	0	11	0	0	2	2	3	4	5	6	6
22	0	1	0	1	1	2	3	4	5	6	7	7
23	1	2	0	2	2	3	4	5	6	6	8	8
24	1	3	1	3	3	4	4	6	7	7	8	9
25	2	3	2	3	4	5	5	6	8	8	9	10
26	3	4	3	4	5	6	6	7	8	9	10	10
27	4	5	4	5	5	7	7	8	9	10	11	11
28	5	6	5	6	6	7	8	9	10	10	0	0
29	5		5	7	7	8	9	10	11	11	0	1
30	6		6	7	8	9	9	11	0	0	1	2
31	7		7		9		10	11		1		2

TABLE 2 (CONTINUED) LUNAR PHASE MU PRIME

YEAR 1952

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	3	5	4	5	6	7	7	8	10	10	11	0
2	4	5	5	6	6	8	8	9	10	11	0	0
3	5	6	6	7	7	8	9	10	11	0	1	1
4	6	7	7	8	8	9	10	11	0	0	2	2
5	7	8	7	9	9	10	10	0	1	1	2	3
6	7	9	8	9	10	11	11	0	2	2	3	4
7	8	9	9	10	11	0	0	1	2	3	4	4
8	9	10	10	11	11	1	1	2	3	4	5	5
9	10	11	11	0	0	1	2	3	4	4	6	6
10	11	0	11	1	1	2	3	4	5	5	7	7
11	11	1	0	1	2	3	3	5	6	6	7	8
12	0	1	1	2	3	4	4	5	7	7	8	9
13	1	2	2	3	3	5	5	6	7	8	9	9
14	2	3	3	4	4	5	6	7	8	9	10	10
15	3	4	3	5	5	6	7	8	9	9	11	11
16	4	5	4	5	6	7	7	9	10	10	11	0
17	4	6	5	6	7	8	8	9	11	11	0	1
18	5	6	6	7	7	9	9	10	11	0	1	1
19	6	7	7	8	8	9	10	11	0	1	2	2
20	7	8	8	9	9	10	11	0	1	1	3	3
21	8	9	8	10	10	11	11	1	2	2	3	4
22	8	10	9	10	11	0	0	1	3	3	4	5
23	9	10	10	11	0	1	1	2	3	4	5	5
24	10	11	11	0	0	2	2	3	4	5	6	6
25	11	0	0	1	1	2	3	4	5	5	7	7
26	0	1	0	2	2	3	4	5	6	6	8	8
27	0	2	1	2	3	4	4	6	7	7	8	9
28	1	2	2	3	4	5	5	6	8	8	9	10
29	2	3	3	4	4	6	6	7	8	9	10	10
30	3		4	5	5	6	7	8	9	10	11	11
31	4		4		6		8	9		10		0

TABLE 2 (CONTINUED) LUNAR PHASE MU PRIME

YEAR 1953

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	2	1	2	2	3	4	5	6	7	8	8	8
2	3	2	3	3	4	5	6	7	7	9	9	9
3	4	2	4	4	5	5	7	8	8	9	10	10
4	5	3	4	5	6	6	7	9	9	10	11	11
5	6	4	5	6	7	7	8	10	10	11	0	0
6	7	5	6	6	8	8	9	10	11	0	1	1
7	8	6	7	7	9	10	11	0	0	2	2	2
8	9	7	8	8	10	10	0	1	1	2	3	3
9	10	8	9	10	11	11	0	2	2	3	4	4
10	11	9	10	11	0	0	1	2	3	4	5	5
11	0	10	0	0	1	2	3	4	4	6	6	6
12	1	11	0	1	2	2	4	5	5	6	7	7
13	0	0	1	2	3	3	4	6	6	7	8	8
14	1	2	1	2	2	4	4	5	6	7	8	8
15	2	3	2	3	3	4	5	6	7	8	9	9
16	3	4	3	4	4	5	6	7	8	8	10	10
17	3	5	3	5	5	6	6	8	9	9	10	11
18	4	5	4	5	6	7	7	9	10	10	11	0
19	5	6	5	6	7	8	8	9	11	11	0	0
20	6	7	6	7	7	9	9	10	11	0	1	1
21	7	8	7	8	8	9	10	11	0	1	2	2
22	7	9	7	9	9	10	11	0	1	1	3	3
23	8	9	8	9	10	11	11	1	2	2	3	4
24	9	10	9	10	11	0	0	1	3	3	4	5
25	10	11	10	11	11	1	1	2	3	4	5	5
26	0	0	11	0	0	1	2	3	4	5	6	6
27	0	1	1	1	2	3	4	5	5	7	7	7
28	0	0	1	2	3	3	5	6	6	7	8	8
29	1	1		3		4	5		7		9	

TABLE 2 (CONTINUED) LUNAR PHASE MU PRIME

YEAR 1954

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	9	11	9	11	11	0	1	2	3	3	4	5
2	10	11	10	11	0	1	1	3	4	4	5	6
3	11	0	11	0	1	2	2	3	5	5	6	6
4	0	1	0	1	1	3	3	4	5	6	7	7
5	1	2	1	2	2	3	4	5	6	7	8	8
6	1	3	1	3	3	4	5	6	7	7	9	9
7	2	3	2	3	4	5	5	7	8	8	9	10
8	3	4	3	4	5	6	6	7	9	9	10	11
9	4	5	4	5	5	7	7	8	9	10	11	11
10	5	6	5	6	6	7	8	9	10	11	0	0
11	6	7	5	7	7	8	9	10	11	11	1	1
12	6	8	6	7	8	9	9	11	0	0	1	2
13	7	8	7	8	9	10	10	11	1	1	2	3
14	8	9	8	9	9	11	11	0	1	2	3	3
15	9	10	9	10	10	0	0	1	2	3	4	4
16	10	11	10	11	11	0	1	2	3	3	5	5
17	10	0	10	0	0	1	2	3	4	4	5	6
18	11	0	11	0	1	2	2	4	5	5	6	7
19	0	1	1	1	2	3	3	4	6	6	7	7
20	1	2	1	2	2	4	4	5	6	7	8	8
21	2	3	2	3	3	4	5	6	7	8	9	9
22	2	4	2	4	4	5	6	7	8	8	10	10
23	3	4	3	4	5	6	6	8	9	9	10	11
24	4	5	4	5	6	7	7	8	10	10	11	0
25	5	6	5	6	6	8	8	9	10	11	0	0
26	6	7	6	7	7	8	9	10	11	0	1	1
27	7	8	6	8	8	9	10	11	0	0	2	2
28	7	9	7	8	9	10	10	0	1	1	2	3
29	8		8	9	10	11	11	0	2	2	3	4
30	9			10	11	0	0	1	2	3	4	4
31	10		10		11		1	2		4		5

TABLE 2 (CONTINUED) LUNAR PHASE MU PRIME

YEAR 1955

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	6	7	6	7	8	9	9	10	0	0	1	1
2	7	8	7	8	8	10	10	11	0	1	2	2
3	8	9	8	9	9	10	11	0	1	2	3	3
4	8	10	8	10	10	11	0	1	2	2	4	4
5	9	10	9	10	11	0	0	2	3	3	4	5
6	10	11	10	11	0	1	1	2	4	4	5	6
7	11	0	11	0	0	2	2	3	4	5	6	6
8	0	1	0	1	1	2	3	4	5	6	7	7
9	1	2	0	2	2	3	4	5	6	6	8	8
10	1	3	1	3	3	4	4	6	7	7	8	9
11	2	3	2	3	4	5	5	6	8	8	9	10
12	3	4	3	4	5	6	6	7	8	9	10	10
13	4	5	4	5	5	7	7	8	9	10	11	11
14	5	6	5	6	6	7	8	9	10	10	0	0
15	5	7	5	7	7	8	9	10	11	11	0	1
16	6	7	6	7	8	9	9	11	0	0	1	2
17	7	8	7	8	9	10	10	11	1	1	2	2
18	8	9	8	9	9	11	11	0	1	2	3	3
19	9	10	9	10	10	11	0	1	2	3	4	4
20	9	11	9	11	11	0	1	2	3	3	5	5
21	10	11	10	11	0	1	1	3	4	4	5	6
22	11	0	11	0	1	2	2	3	5	5	6	7
23	0	1	0	1	1	3	3	4	5	6	7	7
24	1	2	1	2	2	3	4	5	6	7	8	8
25	2	3	2	3	3	4	5	6	7	7	9	9
26	2	4	2	4	4	5	5	7	8	8	9	10
27	3	4	3	4	5	6	6	7	9	9	10	11
28	4	5	4	5	6	7	7	8	9	10	11	11
29	5		5	6	6	8	8	9	10	11	0	0
30	6		6	7	7	8	9	10	11	11	1	1
31	6		6		8		10	11		0		2

TABLE 2 (CONTINUED) LUNAR PHASE MU PRIME

YEAR 1956

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	3	4	3	5	5	6	7	8	9	9	11	11
2	4	5	4	5	6	7	7	9	10	10	11	0
3	4	6	5	6	7	8	8	9	11	11	0	1
4	5	6	6	7	7	9	9	10	11	0	1	1
5	6	7	7	8	8	9	10	11	0	1	2	2
6	7	8	8	9	9	10	11	0	1	1	3	3
7	8	9	8	10	10	11	11	1	2	2	3	4
8	8	10	9	10	11	0	0	1	3	3	4	5
9	9	10	10	11	0	1	1	2	3	4	5	5
10	10	11	11	0	0	2	2	3	4	5	6	6
11	11	0	0	1	1	2	3	4	5	5	7	7
12	0	1	0	2	2	3	4	5	6	6	8	8
13	0	2	1	2	3	4	4	6	7	7	8	9
14	1	2	2	3	4	5	5	6	8	8	9	10
15	2	3	3	4	4	6	6	7	8	9	10	10
16	3	4	4	5	5	6	7	8	9	10	11	11
17	4	5	4	6	6	7	8	9	10	10	0	0
18	5	6	5	6	7	8	8	10	11	11	0	1
19	5	7	6	7	8	9	9	10	0	0	1	2
20	6	7	7	8	8	10	10	11	0	1	2	2
21	7	8	8	9	9	10	11	0	1	2	3	3
22	8	9	9	10	10	11	0	1	2	2	4	4
23	9	10	9	11	11	0	0	2	3	3	4	5
24	9	11	10	11	0	1	1	2	4	4	5	6
25	10	11	11	0	1	2	2	3	4	5	6	6
26	11	0	0	1	1	3	3	4	5	6	7	7
27	0	1	1	2	2	3	4	5	6	7	8	8
28	1	2	1	3	3	4	5	6	7	7	9	9
29	1	3	2	3	4	5	5	7	8	8	9	10
30	2		3	4	5	6	6	7	9	9	10	11
31	3		4		5		7	8		10		11

TABLE 2 (CONTINUED) LUNAR PHASE MU PRIME

YEAR 1957

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	0	1	0	1	2	3	3	4	6	6	7	8
2	1	2	1	2	2	4	4	5	6	7	8	8
3	2	3	2	3	3	4	5	6	7	8	9	9
4	3	4	3	4	4	5	6	7	8	8	10	10
5	3	5	3	5	5	6	6	8	9	9	10	11
6	4	5	4	5	6	7	7	9	10	10	11	0
7	5	6	5	6	7	8	8	9	11	11	0	0
8	6	7	6	7	7	9	9	10	11	0	1	1
9	7	8	7	8	8	9	10	11	0	1	2	2
10	7	9	7	9	9	10	11	0	1	1	3	3
11	8	9	8	9	10	11	11	1	2	2	3	4
12	9	10	9	10	11	0	0	1	3	3	4	5
13	10	11	10	11	11	1	1	2	3	4	5	5
14	11	0	11	0	0	1	2	3	4	5	6	6
15	0	1	11	1	1	2	3	4	5	5	7	7
16	0	2	0	1	2	3	3	5	6	6	7	8
17	1	2	1	2	3	4	4	5	7	7	8	9
18	2	3	2	3	3	5	5	6	7	8	9	9
19	3	4	3	4	4	5	6	7	8	9	10	10
20	4	5	4	5	5	6	7	8	9	9	11	11
21	4	6	4	6	6	7	7	9	10	10	11	0
22	5	6	5	6	7	8	8	10	11	11	0	1
23	6	7	6	7	8	9	9	10	0	0	1	1
24	7	8	7	8	8	10	10	11	0	1	2	2
25	8	9	8	9	9	10	11	0	1	2	3	3
26	8	10	8	10	10	11	0	1	2	2	4	4
27	9	10	9	10	11	0	0	2	3	3	4	5
28	10	11	10	11	0	1	1	2	4	4	5	6
29	11		11	0	0	2	2	3	4	5	6	6
30	0		0	1	1	2	3	4	5	6	7	7
31	1		0		2		4	5		6		8

TABLE 2 (CONTINUED) LUNAR PHASE MU PRIME

YEAR 1958

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	9	10	9	10	10	0	0	1	2	3	4	4
2	10	11	10	11	11	0	1	2	3	3	5	5
3	10	0	10	0	0	1	2	3	4	4	5	6
4	11	0	11	0	1	2	2	4	5	5	6	7
5	0	1	0	1	2	3	3	4	6	6	7	7
6	1	2	1	2	2	4	4	5	6	7	8	8
7	2	3	2	3	3	4	5	6	7	8	9	9
8	2	4	2	4	4	5	6	7	8	8	10	10
9	3	4	3	4	5	6	6	8	9	9	10	11
10	4	5	4	5	6	7	7	8	10	10	11	0
11	5	6	5	6	6	8	8	9	10	11	0	0
12	6	7	6	7	7	8	9	10	11	0	1	1
13	7	8	6	8	8	9	10	11	0	0	2	2
14	7	9	7	8	9	10	10	0	1	1	2	3
15	8	9	8	9	10	11	11	0	2	2	3	4
16	9	10	9	10	11	0	0	1	2	3	4	4
17	10	11	10	11	11	1	1	2	3	4	5	5
18	11	0	11	0	0	1	2	3	4	4	6	6
19	11	1	11	1	1	2	3	4	5	5	6	7
20	0	1	0	1	2	3	3	5	6	6	7	8
21	1	2	1	2	3	4	4	5	7	7	8	8
22	2	3	2	3	3	5	5	6	7	8	9	9
23	3	4	3	4	4	5	6	7	8	9	10	10
24	3	5	3	5	5	6	7	8	9	9	11	11
25	4	5	4	5	6	7	7	9	10	10	11	0
26	5	6	5	6	7	8	8	9	11	11	0	1
27	6	7	6	7	7	9	9	10	11	0	1	1
28	7	8	7	8	8	9	10	11	0	1	2	2
29	8		8	9	9	10	11	0	1	1	3	3
30	8		8	9	10	11	11	1	2	2	3	4
31	9		9		11		0	1		3		5

TABLE 2 (CONTINUED) LUNAR PHASE MU PRIME

YEAR 1959

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	5	7	5	7	7	8	9	10	11	11	0	1
2	6	7	6	7	8	9	9	11	0	0	1	2
3	7	8	7	8	9	10	10	11	1	1	2	2
4	8	9	8	9	9	11	11	0	1	2	3	3
5	9	10	9	10	10	11	0	1	2	3	4	4
6	9	11	9	11	11	0	1	2	3	3	5	5
7	10	11	10	11	0	1	1	3	4	4	5	6
8	11	0	11	0	1	2	2	3	5	5	6	7
9	0	1	0	1	1	3	3	4	5	6	7	7
10	1	2	1	2	2	3	4	5	6	7	8	8
11	2	3	2	3	3	4	5	6	7	7	9	9
12	2	4	2	4	4	5	5	7	8	8	9	10
13	3	4	3	4	5	6	6	7	9	9	10	11
14	4	5	4	5	6	7	7	8	9	10	11	11
15	5	6	5	6	6	8	8	9	10	11	0	0
16	6	7	6	7	7	8	9	10	11	11	1	1
17	6	8	6	8	8	9	10	11	0	0	1	2
18	7	8	7	8	9	10	10	0	1	1	2	3
19	8	9	8	9	10	11	11	0	2	2	3	4
20	9	10	9	10	10	0	0	1	2	3	4	4
21	10	11	10	11	11	0	1	2	3	4	5	5
22	10	0	10	0	0	1	2	3	4	4	6	6
23	11	0	11	0	1	2	2	4	5	5	6	7
24	0	1	0	1	2	3	3	4	6	6	7	8
25	1	2	1	2	2	4	4	5	6	7	8	8
26	2	3	2	3	3	4	5	6	7	8	9	9
27	3	4	3	4	4	5	6	7	8	8	10	10
28	3	5	3	5	5	6	6	8	9	9	10	11
29	4		4	5	6	7	7	8	10	10	11	0
30	5		5	6	7	8	8	9	10	11	0	0
31	6		6		7		9	10		0		1

TABLE 2 (CONTINUED) LUNAR PHASE NU PRIME

YEAR 1980

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	2	3	3	4	4	6	6	7	8	9	10	10
2	3	4	4	5	5	6	7	8	9	10	11	11
3	4	5	4	6	6	7	8	9	10	10	0	0
4	5	6	5	6	7	8	8	10	11	11	0	1
5	5	7	6	7	8	9	9	10	0	0	1	2
6	6	7	7	8	8	10	10	11	0	1	2	2
7	7	8	8	9	9	10	11	0	1	2	3	3
8	8	9	9	10	10	11	0	1	2	2	4	4
9	9	10	9	11	11	0	0	2	3	3	4	5
10	9	11	10	11	0	1	1	2	4	4	5	6
11	10	11	11	0	1	2	2	3	4	5	6	6
12	11	0	0	1	1	3	3	4	5	6	7	7
13	0	1	1	2	2	3	4	5	6	7	8	8
14	1	2	1	3	3	4	5	6	7	7	9	9
15	1	3	2	3	4	5	5	7	8	8	9	10
16	2	3	3	4	5	6	6	7	9	9	10	11
17	3	4	4	5	5	7	7	8	9	10	11	11
18	4	5	5	6	6	7	8	9	10	11	0	0
19	5	6	5	7	7	8	9	10	11	11	1	1
20	6	7	6	7	8	9	9	11	0	0	1	2
21	6	8	7	8	9	10	10	11	1	1	2	3
22	7	8	8	9	9	11	11	0	1	2	3	3
23	8	9	9	10	10	11	0	1	2	3	4	4
24	9	10	10	11	11	0	1	2	3	3	5	5
25	10	11	10	0	0	1	1	3	4	4	5	6
26	10	0	11	0	1	2	2	3	5	5	6	7
27	11	0	0	1	2	3	3	4	6	6	7	7
28	0	1	1	2	2	4	4	5	6	7	8	8
29	1	2	2	3	3	4	5	6	7	8	9	9
30	2		2	4	4	5	6	7	8	8	10	10
31	2		3		5		6	8		9		11

TABLE 2 (CONTINUED) LUNAR PHASE NU PRIME

YEAR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	0	1	11	1	1	2	3	4	5	5	7	7
2	0	2	0	1	2	3	3	5	6	6	7	8
3	1	2	1	2	3	4	4	5	7	7	8	9
4	2	3	2	3	3	5	5	6	7	8	9	9
5	3	4	3	4	4	5	6	7	8	9	10	10
6	4	5	4	5	5	6	7	8	9	9	11	11
7	4	6	4	6	6	7	7	9	10	10	11	0
8	5	6	5	6	7	8	8	10	11	11	0	1
9	6	7	6	7	8	9	9	10	0	0	1	1
10	7	8	7	8	8	10	10	11	0	1	2	2
11	8	9	8	9	9	10	11	0	1	2	3	3
12	8	10	8	10	10	11	0	1	2	2	4	4
13	9	10	9	10	11	0	0	2	3	3	4	5
14	10	11	10	11	0	1	1	2	4	4	5	6
15	11	0	11	0	0	2	2	3	4	5	6	6
16	0	1	0	1	1	2	3	4	5	6	7	7
17	1	2	0	2	2	3	4	5	6	6	8	8
18	1	3	1	2	3	4	4	6	7	7	8	9
19	2	3	2	3	4	5	5	6	8	8	9	10
20	3	4	3	4	4	6	6	7	8	9	10	10
21	4	5	4	5	5	6	7	8	9	10	11	11
22	5	6	5	6	6	7	8	9	10	10	0	0
23	5	7	5	7	7	8	9	10	11	11	0	1
24	6	7	6	7	8	9	9	11	0	0	1	2
25	7	8	7	8	9	10	10	11	1	1	2	2
26	8	9	8	9	9	11	11	0	1	2	3	3
27	9	10	9	10	10	11	0	1	2	3	4	4
28	9	11	9	11	11	0	1	2	3	3	5	5
29	10		10	11	0	1	1	3	4	4	5	6
30	11		11	0	1	2	2	3	5	5	6	7
31	0		0		1		3	4		6		7

TABLE 2 (CONTINUED) LUNAR PHASE NU PRIME

YEAR 1962

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	8	9	8	9	10	11	11	0	2	2	3	4
2	9	10	9	10	11	0	0	1	2	3	4	4
3	10	11	10	11	11	1	1	2	3	4	5	5
4	11	0	11	0	0	1	2	3	4	4	6	6
5	11	1	11	1	1	2	3	4	5	5	6	7
6	0	1	0	1	2	3	3	5	6	6	7	8
7	1	2	1	2	3	4	4	5	7	7	8	8
8	2	3	2	3	3	5	5	6	7	8	9	9
9	3	4	3	4	4	5	6	7	8	9	10	10
10	3	5	3	5	5	6	7	8	9	9	11	11
11	4	5	4	5	6	7	7	9	10	10	11	0
12	5	6	5	6	7	8	8	9	11	11	0	1
13	5	7	6	7	7	9	9	10	11	0	1	1
14	7	8	7	8	8	9	10	11	0	1	2	2
15	8	9	7	9	9	10	11	0	1	1	3	3
16	8	10	8	9	10	11	11	1	2	2	3	4
17	9	10	9	10	11	0	0	1	3	3	4	5
18	10	11	10	11	0	1	1	2	3	4	5	5
19	11	0	11	0	0	2	2	3	4	5	6	6
20	0	1	0	1	1	2	3	4	5	5	7	7
21	0	2	0	2	2	3	4	5	6	6	7	8
22	1	2	1	2	3	4	4	6	7	7	8	9
23	2	3	2	3	4	5	5	6	8	8	9	9
24	3	4	3	4	4	6	6	7	8	9	10	10
25	4	5	4	5	5	6	7	8	9	10	11	11
26	4	6	4	6	6	7	8	9	10	10	0	0
27	5	6	5	6	7	8	8	10	11	11	0	1
28	6	7	6	7	8	9	9	10	0	0	1	2
29	7		7	8	8	10	10	11	0	1	2	2
30	8		8	9	9	10	11	0	1	2	3	3
31	9		8		10		0	1		2		4

TABLE 2 (CONTINUED) LUNAR PHASE NU PRIME

YEAR 1963

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	5	6	5	6	6	8	8	9	10	11	0	0
2	6	7	6	7	7	8	9	10	11	11	1	1
3	6	8	6	8	8	9	10	11	0	0	1	2
4	7	8	7	8	9	10	10	0	1	1	2	3
5	8	9	8	9	10	11	11	0	2	2	3	4
6	9	10	9	10	10	0	0	1	2	3	4	4
7	10	11	10	11	11	0	1	2	3	4	5	5
8	10	0	10	0	0	1	2	3	4	4	6	6
9	11	1	11	0	1	2	2	4	5	5	6	7
10	0	1	0	1	2	3	3	4	6	6	7	8
11	1	2	1	2	2	4	4	5	6	7	8	8
12	2	3	2	3	3	4	5	6	7	8	9	9
13	3	4	3	4	4	5	6	7	8	8	10	10
14	3	5	3	5	5	6	6	8	9	9	10	11
15	4	5	4	5	6	7	7	8	10	10	11	0
16	5	6	5	6	7	8	8	9	10	11	0	0
17	6	7	6	7	7	9	9	10	11	0	1	1
18	7	8	7	8	8	9	10	11	0	0	2	2
19	7	9	7	9	9	10	11	0	1	1	2	3
20	8	9	8	9	10	11	11	1	2	2	3	4
21	9	10	9	10	11	0	0	1	3	3	4	5
22	10	11	10	11	11	1	1	2	3	4	5	5
23	11	0	11	0	0	1	2	3	4	5	6	6
24	11	1	11	1	1	2	3	4	5	5	7	7
25	0	2	0	1	2	3	3	5	6	6	7	8
26	1	2	1	2	3	4	4	5	7	7	8	9
27	2	3	2	3	3	5	5	6	7	8	9	9
28	3	4	3	4	4	5	6	7	8	9	10	10
29	4		4	5	5	6	7	8	9	9	11	11
30	4		4	6	6	7	7	9	10	10	11	0
31	5		5		7		8	9		11		1

TABLE 2 (CONTINUED) LUNAR PHASE NU PRIME

YEAR 1964

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	1	3	2	3	4	5	5	7	8	8	9	10
2	2	3	3	4	5	6	6	7	9	9	10	11
3	3	4	4	5	5	7	7	8	9	10	11	11
4	4	5	5	6	6	7	8	9	10	11	0	0
5	5	6	5	7	7	8	9	10	11	11	1	1
6	6	7	6	7	8	9	9	11	0	0	1	2
7	6	8	7	8	9	10	10	11	1	1	2	3
8	7	8	8	9	9	11	11	0	1	2	3	3
9	8	9	9	10	10	11	0	1	2	3	4	4
10	9	10	10	11	11	0	1	2	3	3	5	5
11	10	11	10	0	0	1	1	3	4	4	5	6
12	10	0	11	0	1	2	2	3	5	5	6	7
13	11	0	0	1	2	3	3	4	6	6	7	7
14	0	1	1	2	2	4	4	5	6	7	8	8
15	1	2	2	3	3	4	5	6	7	8	9	9
16	2	3	2	4	4	5	6	7	8	8	10	10
17	2	4	3	4	5	6	6	8	9	9	10	11
18	3	4	4	5	6	7	7	8	10	10	11	0
19	4	5	5	6	6	8	8	9	10	11	0	0
20	5	6	6	7	7	8	9	10	11	0	1	1
21	6	7	6	8	8	9	10	11	0	0	2	2
22	7	8	7	8	9	10	10	0	1	1	2	3
23	7	9	8	9	10	11	11	0	2	2	3	4
24	8	9	9	10	10	0	0	1	2	3	4	4
25	9	10	10	11	11	0	1	2	3	4	5	5
26	10	11	11	0	0	1	2	3	4	4	6	6
27	11	0	11	1	1	2	2	4	5	5	6	7
28	11	1	0	1	2	3	3	4	6	6	7	8
29	0	1	1	2	3	4	4	5	7	7	8	8
30	1		2	3	3	5	5	6	7	8	9	9
31	2		3		4		6	7		9		10

TABLE 2 (CONTINUED) LUNAR PHASE NU PRIME

YEAR 1965

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	11	0	11	0	0	2	2	3	4	5	6	6
2	0	1	0	1	1	2	3	4	5	6	7	7
3	1	2	0	2	2	3	4	5	6	6	8	8
4	1	3	1	2	3	4	4	6	7	7	8	9
5	2	3	2	3	4	5	5	6	8	8	9	10
6	3	4	3	4	4	6	6	7	8	9	10	10
7	4	5	4	5	5	6	7	8	9	10	11	11
8	5	6	5	6	6	7	8	9	10	10	0	0
9	5	7	5	7	7	8	9	10	11	11	0	1
10	6	7	6	7	8	9	9	11	0	0	1	2
11	7	8	7	8	9	10	10	11	1	1	2	2
12	8	9	8	9	9	11	11	0	1	2	3	3
13	9	10	9	10	10	11	0	1	2	3	4	4
14	9	11	9	11	11	0	1	2	3	3	5	5
15	10	11	10	11	0	1	1	3	4	4	5	6
16	11	0	11	0	1	2	2	3	5	5	6	7
17	0	1	0	1	1	3	3	4	5	6	7	7
18	1	2	1	2	2	3	4	5	6	7	8	8
19	2	3	1	3	3	4	5	6	7	7	9	9
20	2	4	2	3	4	5	5	7	8	8	9	10
21	3	4	3	4	5	6	6	7	9	9	10	11
22	4	5	4	5	5	7	7	8	9	10	11	11
23	5	6	5	6	6	8	8	9	10	11	0	0
24	6	7	6	7	7	8	9	10	11	11	1	1
25	6	8	6	8	8	9	10	11	0	0	1	2
26	7	8	7	8	9	10	10	0	1	1	2	3
27	8	9	8	9	10	11	11	0	2	2	3	3
28	9	10	9	10	10	0	0	1	2	3	4	4
29	10		10	11	11	0	1	2	3	4	5	5
30	10		10	0	0	1	2	3	4	4	6	6
31	11		11		1		2	4		5		7

TABLE 2 (CONTINUED) LUNAR PHASE NU PRIME

YEAR 1966

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	8	9	7	9	9	10	11	0	1	1	3	3
2	8	10	8	9	10	11	11	1	2	2	3	4
3	9	10	9	10	11	0	0	1	3	3	4	5
4	10	11	10	11	0	1	1	2	3	4	5	5
5	11	0	11	0	0	2	2	3	4	5	6	6
6	0	1	0	1	1	2	3	4	5	5	7	7
7	0	2	0	2	2	3	4	5	6	6	7	8
8	1	2	1	2	3	4	4	6	7	7	8	9
9	2	3	2	3	4	5	5	6	8	8	9	9
10	3	4	3	4	4	6	6	7	8	9	10	10
11	4	5	4	5	5	6	7	8	9	10	11	11
12	4	6	4	6	6	7	8	9	10	10	0	0
13	5	6	5	6	7	6	5	10	11	11	0	1
14	6	7	6	7	8	9	9	10	0	0	1	2
15	7	8	7	8	8	10	10	11	0	1	2	2
16	8	9	8	9	9	10	11	0	1	2	3	3
17	9	10	8	10	10	11	0	1	2	2	4	4
18	9	11	9	11	11	0	0	2	3	3	4	5
19	10	11	10	11	0	1	1	2	4	4	5	6
20	11	0	11	0	1	2	2	3	4	5	6	6
21	0	1	0	1	1	3	3	4	5	6	7	7
22	1	2	1	2	2	3	4	5	6	6	8	8
23	1	3	1	3	3	4	5	6	7	7	8	9
24	2	3	2	3	4	5	5	7	8	8	9	10
25	3	4	3	4	5	6	6	7	9	9	10	10
26	4	5	4	5	5	7	7	8	9	10	11	11
27	5	6	5	6	6	7	8	9	10	11	0	0
28	5	7	5	7	7	8	9	10	11	11	1	1
29	6		6	7	8	9	9	11	0	0	1	2
30	7		7	8	9	10	10	11	1	1	2	3
31	8		8		9		11	0		2		3

TABLE 2 (CONTINUED) LUNAR PHASE NU PRIME

YEAR 1967

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	4	5	4	5	6	7	7	8	10	10	11	0
2	5	6	5	6	7	8	8	9	10	11	0	0
3	6	7	6	7	7	9	9	10	11	0	1	1
4	7	8	7	8	8	9	10	11	0	0	2	2
5	7	9	7	9	9	10	11	0	1	1	3	3
6	8	9	8	9	10	11	11	1	2	2	3	4
7	9	10	9	10	11	0	0	1	3	3	4	5
8	10	11	10	11	11	1	1	2	3	4	5	5
9	11	0	11	0	0	1	2	3	4	5	6	6
10	11	1	11	1	1	2	3	4	5	5	7	7
11	0	2	0	1	2	3	3	5	6	6	7	8
12	1	2	1	2	3	4	4	5	7	7	8	9
13	2	3	2	3	3	5	5	6	7	8	9	9
14	3	4	3	4	4	5	6	7	8	9	10	10
15	4	5	4	5	5	6	7	8	9	9	11	11
16	4	6	4	6	6	7	7	9	10	10	11	0
17	5	6	5	6	7	8	8	9	11	11	0	1
18	6	7	6	7	8	9	9	10	11	0	1	1
19	7	8	7	8	8	10	10	11	0	1	2	2
20	8	9	8	9	9	10	11	0	1	1	3	3
21	8	10	8	10	10	11	0	1	2	2	4	4
22	9	10	9	10	11	0	0	2	3	3	4	5
23	10	11	10	11	0	1	1	2	4	4	5	6
24	11	0	11	0	0	2	2	3	4	5	6	6
25	0	1	0	1	1	2	3	4	5	6	7	7
26	1	2	0	2	2	3	4	5	6	6	8	8
27	1	3	1	2	3	4	4	6	7	7	8	9
28	2	3	2	3	4	5	5	6	8	8	9	10
29	3		3	4	4	6	6	7	8	9	10	10
30	4		4	5	5	6	7	8	9	10	11	11
31	5		5		6		8	9		10		0

TABLE 2 (CONTINUED) LUNAR PHASE MU PRIME

YEAR 1968

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	1	2	2	3	3	4	5	6	7	8	9	9
2	2	3	2	4	4	5	6	7	8	8	10	10
3	2	4	3	4	5	6	6	8	9	9	10	11
4	3	4	4	5	6	7	7	8	10	10	11	0
5	4	5	5	6	6	8	8	9	10	11	0	0
6	5	6	6	7	7	8	9	10	11	0	1	1
7	6	7	6	8	8	9	10	11	0	0	2	2
8	7	8	7	8	9	10	10	0	1	1	2	3
9	7	9	8	9	10	11	11	0	2	2	3	4
10	8	9	9	10	10	0	0	1	2	3	4	4
11	9	10	10	11	11	0	1	2	3	4	5	5
12	10	11	11	0	0	1	2	3	4	4	6	6
13	11	0	11	1	1	2	2	4	5	5	6	7
14	11	1	0	1	2	3	3	4	6	6	7	8
15	0	1	1	2	3	4	4	5	7	7	8	8
16	1	2	2	3	3	5	5	6	7	8	9	9
17	2	3	3	4	4	5	6	7	8	9	10	10
18	3	4	3	5	5	6	7	8	9	9	11	11
19	3	5	4	5	6	7	7	9	10	10	11	0
20	4	5	5	6	7	8	8	9	11	11	0	1
21	5	6	6	7	7	9	9	10	11	0	1	1
22	6	7	7	8	8	9	10	11	0	1	2	2
23	7	8	7	9	9	10	11	0	1	1	3	3
24	8	9	8	9	10	11	11	1	2	2	3	4
25	8	10	9	10	11	0	0	1	3	3	4	5
26	9	10	10	11	11	1	1	2	3	4	5	5
27	10	11	11	0	0	1	2	3	4	5	6	6
28	11	0	0	1	1	2	3	4	5	5	7	7
29	0	1	0	2	2	3	3	5	6	6	7	8
30	0		1	2	3	4	4	6	7	7	8	9
31	1		2		4		5	6		8		9

TABLE 2 (CONTINUED) LUNAR PHASE MU PRIME

YEAR 1969

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	10	11	10	11	0	1	1	3	4	4	5	6
2	11	0	11	0	1	2	2	3	5	5	6	7
3	0	1	0	1	1	3	3	4	5	6	7	7
4	1	2	1	2	2	3	4	5	6	7	8	8
5	2	3	1	3	3	4	5	6	7	7	9	9
6	2	4	2	3	4	5	5	7	8	8	9	10
7	3	4	3	4	5	6	6	7	9	9	10	11
8	4	5	4	5	5	7	7	8	9	10	11	11
9	5	6	5	6	6	8	8	9	10	11	0	0
10	6	7	6	7	7	8	9	10	11	11	1	1
11	6	8	6	8	8	9	10	11	0	0	1	2
12	7	8	7	8	9	10	10	0	1	1	2	3
13	8	9	8	9	10	11	11	0	2	2	3	3
14	9	10	9	10	10	0	0	1	2	3	4	4
15	10	11	10	11	11	0	1	2	3	4	5	5
16	10	0	10	0	0	1	2	3	4	4	6	6
17	11	0	11	0	1	2	2	4	5	5	6	7
18	0	1	0	1	2	3	3	4	6	6	7	8
19	1	2	1	2	2	4	4	5	6	7	8	8
20	2	3	2	3	3	4	5	6	7	8	9	9
21	3	4	2	4	4	5	6	7	8	8	10	10
22	3	5	3	4	5	6	6	8	9	9	10	11
23	4	5	4	5	6	7	7	8	10	10	11	0
24	5	6	5	6	6	8	8	9	10	11	0	0
25	6	7	6	7	7	9	9	10	11	0	1	1
26	7	8	7	8	8	9	10	11	0	0	2	2
27	7	9	7	9	9	10	11	0	1	1	2	3
28	8	9	8	9	10	11	11	1	2	2	3	4
29	9		9	10	11	0	0	1	3	3	4	4
30	10		10	11	11	1	1	2	3	4	5	5
31	11		11		0		2	3		5		6

TABLE 2 (CONTINUED) LUNAR PHASE NU PRIME

YEAR 1970

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	7	8	7	8	8	10	10	11	0	1	2	2
2	8	9	8	9	9	10	11	0	1	2	3	3
3	9	10	8	10	10	11	0	1	2	2	4	4
4	9	11	9	11	11	0	0	2	3	3	4	5
5	10	11	10	11	0	1	1	2	4	4	5	6
6	11	0	11	0	1	2	2	3	4	5	6	6
7	0	1	0	1	1	3	3	4	5	6	7	7
8	1	2	1	2	2	3	4	5	6	6	8	8
9	1	3	1	3	3	4	5	6	7	7	8	9
10	2	3	2	3	4	5	5	7	8	8	9	10
11	3	4	3	4	5	6	6	7	9	9	10	10
12	4	5	4	5	5	7	7	8	9	10	11	11
13	5	6	5	6	6	7	8	9	10	11	0	0
14	5	7	5	7	7	8	9	10	11	11	1	1
15	6	7	6	7	8	9	9	11	0	0	1	2
16	7	8	7	8	9	10	10	11	1	1	2	3
17	8	9	8	9	9	11	11	0	1	2	3	3
18	9	10	9	10	10	11	0	1	2	3	4	4
19	10	11	10	11	11	0	1	2	3	3	5	5
20	10	0	10	0	0	1	1	3	4	4	5	6
21	11	0	11	0	1	2	2	3	5	5	6	7
22	0	1	0	1	2	3	3	4	5	6	7	7
23	1	2	1	2	2	4	4	5	6	7	8	8
24	2	3	2	3	3	4	5	6	7	7	9	9
25	2	4	2	4	4	5	6	7	8	8	9	10
26	3	4	3	4	5	6	6	8	9	9	10	11
27	4	5	4	5	6	7	7	8	10	10	11	11
28	5	6	5	6	6	8	8	9	10	11	0	0
29	6		6	7	7	8	9	10	11	0	1	1
30	6		6	8	8	9	10	11	0	0	2	2
31	7		7		9		10	0		1		3

TABLE 2 (CONTINUED) LUNAR PHASE NU PRIME

YEAR 1971

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	4	5	4	5	5	6	7	8	9	9	11	11
2	4	6	4	6	6	7	7	9	10	10	11	0
3	5	6	5	6	7	8	8	9	11	11	0	1
4	6	7	6	7	8	9	9	10	11	0	1	1
5	7	8	7	8	8	10	10	11	0	1	2	2
6	8	9	8	9	9	10	11	0	1	1	3	3
7	8	10	8	10	10	11	0	1	2	2	4	4
8	9	10	9	10	11	0	0	2	3	3	4	5
9	10	11	10	11	0	1	1	2	4	4	5	6
10	11	0	11	0	0	2	2	3	4	5	6	6
11	0	1	0	1	1	2	3	4	5	6	7	7
12	1	2	0	2	2	3	4	5	6	6	8	8
13	1	3	1	2	3	4	4	6	7	7	8	9
14	2	3	2	3	4	5	5	6	8	8	9	10
15	3	4	3	4	4	6	6	7	8	9	10	10
16	4	5	4	5	5	6	7	8	9	10	11	11
17	5	6	5	6	6	7	8	9	10	10	0	0
18	5	7	5	7	7	8	8	10	11	11	0	1
19	6	7	6	7	8	9	9	10	0	0	1	2
20	7	8	7	8	9	10	10	11	0	1	2	2
21	8	9	8	9	9	11	11	0	1	2	3	3
22	9	10	9	10	10	11	0	1	2	3	4	4
23	9	11	9	11	11	0	1	2	3	3	5	5
24	10	11	10	11	0	1	1	3	4	4	5	6
25	11	0	11	0	1	2	2	3	5	5	6	7
26	0	1	0	1	1	3	3	4	5	6	7	7
27	1	2	1	2	2	3	4	5	6	7	8	8
28	2	3	1	3	3	4	5	6	7	7	9	9
29	2		2	3	4	5	5	7	8	8	9	10
30	3		3	4	5	6	6	7	9	9	10	11
31	4		4		5		7	8		10		11

TABLE 2 (CONTINUED) LUNAR PHASE NU PRIME

YEAR 1972

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	0	1	1	2	3	4	4	5	7	7	8	8
2	1	2	2	3	3	5	5	6	7	8	9	9
3	2	3	3	4	4	5	6	7	8	9	10	10
4	3	4	3	5	5	6	7	8	9	9	11	11
5	3	5	4	5	6	7	7	9	10	10	11	0
6	4	5	5	6	7	8	8	9	11	11	0	1
7	5	6	6	7	7	9	9	10	11	0	1	1
8	6	7	7	8	8	9	10	11	0	1	2	2
9	7	8	7	9	9	10	11	0	1	1	3	3
10	8	9	8	9	10	11	11	1	2	2	3	4
11	8	10	9	10	11	0	0	1	3	3	4	5
12	9	10	10	11	11	1	1	2	3	4	5	5
13	10	11	11	0	0	1	2	3	4	5	6	6
14	11	0	0	1	1	2	3	4	5	5	7	7
15	0	1	0	2	2	3	3	5	6	6	7	8
16	0	2	1	2	3	4	4	6	7	7	8	9
17	1	2	2	3	4	5	5	6	8	8	9	9
18	2	3	3	4	4	6	6	7	8	9	10	10
19	3	4	4	5	5	6	7	8	9	10	11	11
20	4	5	4	6	6	7	8	9	10	10	0	0
21	4	6	5	6	7	8	8	10	11	11	0	1
22	5	6	6	7	8	9	9	10	0	0	1	2
23	6	7	7	8	8	10	10	11	0	1	2	2
24	7	8	8	9	9	10	11	0	1	2	3	3
25	8	9	8	10	10	11	0	1	2	2	4	4
26	9	10	9	10	11	0	0	2	3	3	4	5
27	9	11	10	11	0	1	1	2	4	4	5	6
28	10	11	11	0	0	2	2	3	4	5	6	6
29	11	0	0	1	1	2	3	4	5	6	7	7
30	0		1	2	2	3	4	5	6	6	8	8
31	1		1		3		5	6		7		9

TABLE 2 (CONTINUED) LUNAR PHASE NU PRIME

YEAR 1973

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	10	11	10	11	11	0	1	2	3	4	5	5
2	10	0	10	0	0	1	2	3	4	4	6	6
3	11	0	11	0	1	2	2	4	5	5	6	7
4	0	1	0	1	2	3	3	4	6	6	7	8
5	1	2	1	2	2	4	4	5	6	7	8	8
6	2	3	2	3	3	4	5	6	7	8	9	9
7	3	4	2	4	4	5	6	7	8	8	10	10
8	3	5	3	4	5	6	6	8	9	9	10	11
9	4	5	4	5	6	7	7	8	10	10	11	0
10	5	6	5	6	6	8	8	9	10	11	0	0
11	6	7	6	7	7	9	9	10	11	0	1	1
12	7	8	7	8	8	9	10	11	0	0	2	2
13	7	9	7	9	9	10	11	0	1	1	2	3
14	8	9	8	9	10	11	11	1	2	2	3	4
15	9	10	9	10	11	0	0	1	3	3	4	4
16	10	11	10	11	11	1	1	2	3	4	5	5
17	11	0	11	0	0	1	2	3	4	5	6	6
18	11	1	11	1	1	2	3	4	5	5	7	7
19	0	1	0	1	2	3	3	5	6	6	7	8
20	1	2	1	2	3	4	4	5	7	7	8	9
21	2	3	2	3	3	5	5	6	7	8	9	9
22	3	4	3	4	4	5	6	7	8	9	10	10
23	4	5	3	5	5	6	7	8	9	9	11	11
24	4	6	4	5	6	7	7	9	10	10	11	0
25	5	6	5	6	7	8	8	9	11	11	0	1
26	6	7	6	7	8	9	9	10	11	0	1	1
27	7	8	7	8	8	10	10	11	0	1	2	2
28	8	9	8	9	9	10	11	0	1	1	3	3
29	8		8	10	10	11	0	1	2	2	3	4
30	9		9	10	11	0	0	2	3	3	4	5
31	10		10		0		1	2		4		5

TABLE 2 (CONTINUED) LUNAR PHASE NU PRIME

YEAR 1974

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	6	7	6	7	8	9	9	11	0	0	1	2
2	7	8	7	8	9	10	10	11	1	1	2	3
3	8	9	8	9	9	11	11	0	1	2	3	3
4	9	10	9	10	10	11	0	1	2	3	4	4
5	10	11	10	11	11	0	1	2	3	3	5	5
6	10	0	10	0	0	1	1	3	4	4	5	6
7	11	0	11	0	1	2	2	3	5	5	6	7
8	0	1	0	1	2	3	3	4	5	6	7	7
9	1	2	1	2	2	4	4	5	6	7	8	8
10	2	3	2	3	3	4	5	6	7	7	9	9
11	2	4	2	4	4	5	6	7	8	8	9	10
12	3	4	3	4	5	6	6	8	9	9	10	11
13	4	5	4	5	6	7	7	8	10	10	11	0
14	5	6	5	6	6	8	8	9	10	11	0	0
15	6	7	6	7	7	8	9	10	11	0	1	1
16	6	8	6	8	8	9	10	11	0	0	2	2
17	7	8	7	8	9	10	10	0	1	1	2	3
18	8	9	8	9	10	11	11	0	2	2	3	4
19	9	10	9	10	10	0	0	1	2	3	4	4
20	10	11	10	11	11	0	1	2	3	4	5	5
21	11	0	11	0	0	1	2	3	4	4	6	6
22	11	1	11	1	1	2	2	4	5	5	6	7
23	0	1	0	1	2	3	3	4	6	6	7	8
24	1	2	1	2	3	4	4	5	6	7	8	8
25	2	3	2	3	3	5	5	6	7	8	9	9
26	3	4	3	4	4	5	6	7	8	8	10	10
27	3	5	3	5	5	6	7	8	9	9	10	11
28	4	5	4	5	6	7	7	9	10	10	11	0
29	5		5	6	7	8	8	9	11	11	0	1
30	6		6	7	7	9	9	10	11	0	1	1
31	7		7		8		10	11		1		2

TABLE 2 (CONTINUED) LUNAR PHASE NU PRIME

YEAR 1975

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	3	4	3	4	4	6	6	7	8	9	10	10
2	4	5	4	5	5	6	7	8	9	10	11	11
3	5	6	5	6	6	7	8	9	10	10	0	0
4	5	7	5	7	7	8	8	10	11	11	0	1
5	6	7	6	7	8	9	9	10	0	0	1	2
6	7	8	7	8	9	10	10	11	0	1	2	2
7	8	9	8	9	9	11	11	0	1	2	3	3
8	9	10	9	10	10	11	0	1	2	3	4	4
9	9	11	9	11	11	0	1	2	3	3	5	5
10	10	11	10	11	0	1	1	3	4	4	5	6
11	11	0	11	0	1	2	2	3	5	5	6	7
12	0	1	0	1	1	3	3	4	5	6	7	7
13	1	2	1	2	2	3	4	5	6	7	8	8
14	2	3	1	3	3	4	5	6	7	7	9	9
15	2	4	2	3	4	5	5	7	8	8	9	10
16	3	4	3	4	5	6	6	7	9	9	10	11
17	4	5	4	5	5	7	7	8	9	10	11	11
18	5	6	5	6	6	7	8	9	10	11	0	0
19	6	7	6	7	7	8	9	10	11	11	1	1
20	6	8	6	8	8	9	9	11	0	0	1	2
21	7	8	7	8	9	10	10	11	1	1	2	3
22	8	9	8	9	10	11	11	0	1	2	3	3
23	9	10	9	10	10	0	0	1	2	3	4	4
24	10	11	10	11	11	0	1	2	3	4	5	5
25	10	0	10	0	0	1	2	3	4	4	6	6
26	11	0	11	0	1	2	2	4	5	5	6	7
27	0	1	0	1	2	3	3	4	6	6	7	8
28	1	2	1	2	2	4	4	5	6	7	8	8
29	2		2	3	3	4	5	6	7	8	9	9
30	3		2	4	4	5	6	7	8	8	10	10
31	3		3		5		6	8		9		11

TABLE 2 (CONTINUED) LUNAR PHASE NU PRIME

YEAR 1976

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	0	1	0	2	2	3	3	5	6	6	7	8
2	0	2	1	2	3	4	4	6	7	7	8	9
3	1	2	2	3	4	5	5	6	8	8	9	9
4	2	3	3	4	4	6	6	7	8	9	10	10
5	3	4	4	5	5	6	7	8	9	10	11	11
6	4	5	4	6	6	7	8	9	10	10	0	0
7	4	6	5	6	7	8	8	10	11	11	0	1
8	5	6	6	7	8	9	9	10	0	0	1	2
9	6	7	7	8	8	10	10	11	0	1	2	2
10	7	8	8	9	9	10	11	0	1	2	3	3
11	8	9	8	10	10	11	0	1	2	2	4	4
12	9	10	9	10	11	0	0	2	3	3	4	5
13	9	11	10	11	0	1	1	2	4	4	5	6
14	10	11	11	0	0	2	2	3	4	5	6	6
15	11	0	0	1	1	2	3	4	5	6	7	7
16	0	1	1	2	2	3	4	5	6	6	8	8
17	1	2	1	3	3	4	5	6	7	7	8	9
18	1	3	2	3	4	5	5	7	8	8	9	10
19	2	3	3	4	5	6	6	7	9	9	10	10
20	3	4	4	5	5	7	7	8	9	10	11	11
21	4	5	5	6	6	7	8	9	10	11	0	0
22	5	6	5	7	7	8	9	10	11	11	1	1
23	5	7	6	7	8	9	9	11	0	0	1	2
24	6	7	7	8	9	10	10	11	1	1	2	3
25	7	8	8	9	9	11	11	0	1	2	3	3
26	8	9	9	10	10	11	0	1	2	3	4	4
27	9	10	9	11	11	0	1	2	3	3	5	5
28	10	11	10	11	0	1	1	3	4	4	5	6
29	10	0	11	0	1	2	2	3	5	5	6	7
30	11		0	1	1	3	3	4	5	6	7	7
31	0		1		2		4	5		7		8

TABLE 2 (CONTINUED) LUNAR PHASE NU PRIME

YEAR 1977

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	9	10	9	10	11	0	0	1	3	3	4	4
2	10	11	10	11	11	1	1	2	3	4	5	5
3	11	0	11	0	0	1	2	3	4	5	6	6
4	11	1	11	1	1	2	3	4	5	5	7	7
5	0	1	0	1	2	3	3	5	6	6	7	8
6	1	2	1	2	3	4	4	5	7	7	8	9
7	2	3	2	3	3	5	5	6	7	8	9	9
8	3	4	3	4	4	5	6	7	8	9	10	10
9	4	5	3	5	5	6	7	8	9	9	11	11
10	4	6	4	5	6	7	7	9	10	10	11	0
11	5	6	5	6	7	8	8	9	11	11	0	1
12	6	7	6	7	8	9	9	10	11	0	1	1
13	7	8	7	8	8	10	10	11	0	1	2	2
14	8	9	8	9	9	10	11	0	1	1	3	3
15	8	10	8	10	10	11	0	1	2	2	3	4
16	9	10	9	10	11	0	0	2	3	3	4	5
17	10	11	10	11	0	1	1	2	4	4	5	5
18	11	0	11	0	0	2	2	3	4	5	6	6
19	0	1	0	1	1	2	3	4	5	6	7	7
20	0	2	0	2	2	3	4	5	6	6	8	8
21	1	2	1	2	3	4	4	6	7	7	8	9
22	2	3	2	3	4	5	5	6	8	8	9	10
23	3	4	3	4	4	6	6	7	8	9	10	10
24	4	5	4	5	5	6	7	8	9	10	11	11
25	5	6	4	6	6	7	8	9	10	10	0	0
26	5	7	5	7	7	8	8	10	11	11	0	1
27	6	7	6	7	8	9	9	10	0	0	1	2
28	7	8	7	8	9	10	10	11	0	1	2	2
29	8		8	9	9	11	11	0	1	2	3	3
30	9		9	10	10	11	0	1	2	2	4	4
31	9		9		11		1	2		3		5

TABLE 2 (CONTINUED) LUNAR PHASE MU PRIME

YEAR 1978

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	6	7	6	7	7	8	9	10	11	0	1	1
2	6	8	6	8	8	9	10	11	0	0	2	2
3	7	8	7	8	9	10	10	0	1	1	2	3
4	8	9	8	9	10	11	11	0	2	2	3	4
5	9	10	9	10	10	0	0	1	2	3	4	4
6	10	11	10	11	11	0	1	2	3	4	5	5
7	11	0	11	0	0	1	2	3	4	4	6	6
8	11	1	11	1	1	2	2	4	5	5	6	7
9	0	1	0	1	2	3	3	4	6	6	7	8
10	1	2	1	2	3	4	4	5	6	7	8	8
11	2	3	2	3	3	5	5	6	7	8	9	9
12	3	4	3	4	4	5	6	7	8	8	10	10
13	3	5	3	5	5	5	7	8	9	9	10	11
14	4	5	4	5	6	7	7	9	10	10	11	0
15	5	6	5	6	7	8	8	9	11	11	0	1
16	6	7	6	7	7	9	9	10	11	0	1	1
17	7	8	7	8	8	9	10	11	0	1	2	2
18	7	9	7	9	9	10	11	0	1	1	3	3
19	8	10	8	9	10	11	11	1	2	2	3	4
20	9	10	9	10	11	0	0	1	3	3	4	5
21	10	11	10	11	11	1	1	2	3	4	5	5
22	11	0	11	0	0	1	2	3	4	5	6	6
23	0	1	0	1	1	2	3	4	5	5	7	7
24	0	2	0	2	2	3	3	5	6	6	7	8
25	1	2	1	2	3	4	4	5	7	7	8	9
26	2	3	2	3	4	5	5	6	7	8	9	9
27	3	4	3	4	4	6	6	7	8	9	10	10
28	4	5	4	5	5	6	7	8	9	9	11	11
29	4		4	6	6	7	8	9	10	10	0	0
30	5		5	6	7	8	8	10	11	11	0	1
31	6		6		8		9	10		0		2

TABLE 2 (CONTINUED) LUNAR PHASE MU PRIME

YEAR 1979

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	2	4	2	3	4	5	5	7	8	8	9	10
2	3	4	3	4	5	6	6	7	9	9	10	11
3	4	5	4	5	5	7	7	8	9	10	11	11
4	5	6	5	6	6	7	8	9	10	11	0	0
5	6	7	6	7	7	8	9	10	11	11	1	1
6	6	8	6	8	8	9	9	11	0	0	1	2
7	7	8	7	8	9	10	10	11	1	1	2	3
8	8	9	8	9	10	11	11	0	1	2	3	3
9	9	10	9	10	10	0	0	1	2	3	4	4
10	10	11	10	11	11	0	1	2	3	4	5	5
11	10	0	10	0	0	1	2	3	4	4	6	6
12	11	0	11	0	1	2	2	4	5	5	6	7
13	0	1	0	1	2	3	3	4	6	6	7	8
14	1	2	1	2	2	4	4	5	6	7	8	8
15	2	3	2	3	3	4	5	6	7	8	9	9
16	3	4	2	4	4	5	6	7	8	8	10	10
17	3	5	3	4	5	6	6	8	9	9	10	11
18	4	5	4	5	6	7	7	8	10	10	11	0
19	5	6	5	6	6	8	8	9	10	11	0	0
20	6	7	6	7	7	8	9	10	11	0	1	1
21	7	8	7	8	8	9	10	11	0	0	2	2
22	7	9	7	9	9	10	10	0	1	1	2	3
23	8	9	8	9	10	11	11	0	2	2	3	4
24	9	10	9	10	11	0	0	1	3	3	4	4
25	10	11	10	11	11	1	1	2	3	4	5	5
26	11	0	11	0	0	1	2	3	4	5	6	6
27	11	1	11	1	1	2	3	4	5	5	7	7
28	0	1	0	1	2	3	3	5	6	6	7	8
29	1		1	2	3	4	4	5	7	7	8	9
30	2		2	3	3	5	5	6	7	8	9	9
31	3		3		4		6	7		9		10

TABLE 2 (CONTINUED) LUNAR PHASE NU PRIME

YEAR 1980

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	11	0	0	1	1	2	3	4	5	6	7	7
2	0	1	1	2	2	3	4	5	6	6	8	8
3	1	2	1	3	3	4	5	6	7	7	8	9
4	1	3	2	3	4	5	5	7	8	8	9	10
5	2	3	3	4	5	6	6	7	9	9	10	10
6	3	4	4	5	5	7	7	8	9	10	11	11
7	4	5	5	6	6	7	8	9	10	11	0	0
8	5	6	5	7	7	8	9	10	11	11	1	1
9	5	7	6	7	8	9	9	11	0	0	1	2
10	6	7	7	8	9	10	10	11	1	1	2	3
11	7	8	8	9	9	11	11	0	1	2	3	3
12	8	9	9	10	10	11	0	1	2	3	4	4
13	9	10	9	11	11	0	1	2	3	3	5	5
14	10	11	10	11	0	1	1	3	4	4	5	6
15	10	0	11	0	1	2	2	3	5	5	6	7
16	11	0	0	1	1	3	3	4	5	6	7	7
17	0	1	1	2	2	3	4	5	6	7	8	8
18	1	2	2	3	3	4	5	6	7	7	9	9
19	2	3	2	4	4	5	6	7	8	8	9	10
20	2	4	3	4	5	6	6	8	9	9	10	11
21	3	4	4	5	6	7	7	8	10	10	11	11
22	4	5	5	6	6	8	8	9	10	11	0	0
23	5	6	6	7	7	8	9	10	11	0	1	1
24	6	7	6	8	8	9	10	11	0	0	2	2
25	6	8	7	8	9	10	10	0	1	1	2	3
26	7	8	8	9	10	11	11	0	2	2	3	4
27	8	9	9	10	10	0	0	1	2	3	4	4
28	9	10	10	11	11	0	1	2	3	4	5	5
29	10	11	10	0	0	1	2	3	4	4	6	6
30	11		11	0	1	2	2	4	5	5	6	7
31	11		0		2		3	4		6		8

TABLE 2 (CONTINUED) LUNAR PHASE NU PRIME

YEAR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	8	10	8	10	10	11	0	1	2	2	3	4
2	9	10	9	10	11	0	0	2	3	3	4	5
3	10	11	10	11	0	1	1	2	4	4	5	5
4	11	0	11	0	0	2	2	3	4	5	6	6
5	0	1	0	1	1	2	3	4	5	6	7	7
6	0	2	0	2	2	3	4	5	6	6	8	8
7	1	2	1	2	3	4	4	6	7	7	8	9
8	2	3	2	3	4	5	5	6	8	8	9	10
9	3	4	3	4	4	6	6	7	8	9	10	10
10	4	5	4	5	5	6	7	8	9	10	11	11
11	5	6	4	6	6	7	8	9	10	10	0	0
12	5	7	5	7	7	8	8	10	11	11	0	1
13	6	7	6	7	8	9	9	10	0	0	1	2
14	7	8	7	8	9	10	10	11	0	1	2	2
15	8	9	8	9	9	11	11	0	1	2	3	3
16	9	10	9	10	10	11	0	1	2	2	4	4
17	9	11	9	11	11	0	1	2	3	3	4	5
18	10	11	10	11	0	1	1	3	4	4	5	6
19	11	0	11	0	1	2	2	3	5	5	6	6
20	0	1	0	1	1	3	3	4	5	6	7	7
21	1	2	1	2	2	3	4	5	6	7	8	8
22	1	3	1	3	3	4	5	6	7	7	9	9
23	2	3	2	3	4	5	5	7	8	8	9	10
24	3	4	3	4	5	6	6	7	9	9	10	11
25	4	5	4	5	5	7	7	8	9	10	11	11
26	5	6	5	6	6	7	8	9	10	11	0	0
27	6	7	5	7	7	8	9	10	11	11	1	1
28	6	8	6	8	8	9	9	11	0	0	1	2
29	7		7	8	9	10	10	11	1	1	2	3
30	8		8	9	10	11	11	0	1	2	3	3
31	9		9		10		0	1		3		4

TABLE 2 (CONTINUED) LUNAR PHASE NU PRIME

YEAR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	5	6	5	6	7	8	8	9	11	11	0	1
2	6	7	6	7	7	9	9	10	11	0	1	1
3	7	8	7	8	8	9	10	11	0	1	2	2
4	7	9	7	9	9	10	11	0	1	1	3	3
5	8	10	8	9	10	11	11	1	2	2	3	4
6	9	10	9	10	11	0	0	1	3	3	4	5
7	10	11	10	11	11	1	1	2	3	4	5	5
8	11	0	11	0	0	1	2	3	4	5	6	6
9	0	1	0	1	1	2	3	4	5	5	7	7
10	0	2	0	2	2	3	3	5	6	6	7	8
11	1	2	1	2	3	4	4	5	7	7	8	9
12	2	3	2	3	4	5	5	6	7	8	9	9
13	3	4	3	4	4	5	5	7	8	9	10	10
14	4	5	4	5	5	6	7	8	9	9	11	11
15	4	6	4	5	6	7	8	9	10	10	0	0
16	5	6	5	6	7	8	8	10	11	11	0	1
17	6	7	6	7	8	9	9	10	0	0	1	2
18	7	8	7	8	8	10	10	11	0	1	2	2
19	8	9	8	9	9	10	11	0	1	2	3	3
20	8	10	8	10	10	11	0	1	2	2	4	4
21	9	11	9	10	11	0	0	2	3	3	4	5
22	10	11	10	11	0	1	1	2	4	4	5	6
23	11	0	11	0	0	2	2	3	4	5	6	6
24	0	1	0	1	1	2	3	4	5	6	7	7
25	1	2	1	2	2	3	4	5	6	6	8	8
26	1	3	1	3	3	4	4	6	7	7	8	9
27	2	3	2	3	4	5	5	6	8	8	9	10
28	3	4	3	4	5	6	6	7	8	9	10	10
29	4		4	5	5	7	7	8	9	10	11	11
30	5		5	6	6	7	8	9	10	10	0	0
31	5		5		7		9	10		11		1

TABLE 2 (CONTINUED) LUNAR PHASE NU PRIME

YEAR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	2	3	2	3	3	4	5	6	7	8	9	9
2	3	4	2	4	4	5	6	7	8	8	10	10
3	3	5	3	4	5	6	6	8	9	9	10	11
4	4	5	4	5	6	7	7	8	10	10	11	0
5	5	6	5	6	6	8	8	9	10	11	0	0
6	6	7	6	7	7	8	9	10	11	0	1	1
7	7	8	7	8	8	9	10	11	0	0	2	2
8	7	9	7	9	9	10	10	0	1	1	2	3
9	8	9	8	9	10	11	11	0	2	2	3	4
10	9	10	9	10	11	0	0	1	3	3	4	4
11	10	11	10	11	11	1	1	2	3	4	5	5
12	11	0	11	0	0	1	2	3	4	5	6	6
13	11	1	11	1	1	2	3	4	5	5	7	7
14	0	1	0	1	2	3	3	5	6	6	7	8
15	1	2	1	2	3	4	4	5	7	7	8	9
16	2	3	2	3	3	5	5	6	7	8	9	9
17	3	4	3	4	4	5	6	7	8	9	10	10
18	4	5	3	5	5	6	7	8	9	9	11	11
19	4	6	4	5	6	7	7	9	10	10	11	0
20	5	6	5	6	7	8	8	9	11	11	0	1
21	6	7	6	7	7	9	9	10	11	0	1	1
22	7	8	7	8	8	9	10	11	0	1	2	2
23	8	9	8	9	9	10	11	0	1	1	3	3
24	8	10	8	10	10	11	11	1	2	2	3	4
25	9	10	9	10	11	0	0	2	3	3	4	5
26	10	11	10	11	0	1	1	2	4	4	5	5
27	11	0	11	0	0	2	2	3	4	5	6	6
28	0	1	0	1	1	2	3	4	5	6	7	7
29	0		0	2	2	3	4	5	6	6	8	8
30	1		1	2	3	4	4	6	7	7	8	9
31	2		2		4		5	6		8		10

TABLE 2 (CONTINUED) LUNAR PHASE MU PRIME

YEAR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	10	0	11	0	1	2	2	3	5	5	6	7
2	11	0	0	1	1	3	3	4	5	6	7	7
3	0	1	1	2	2	3	4	5	6	7	8	8
4	1	2	2	3	3	4	5	6	7	7	9	9
5	2	3	2	4	4	5	6	7	8	8	9	10
6	2	4	3	4	5	6	6	8	9	9	10	11
7	3	4	4	5	6	7	7	8	10	10	11	11
8	4	5	5	6	6	8	8	9	10	11	0	0
9	5	6	6	7	7	8	9	10	11	0	1	1
10	6	7	6	8	8	9	10	11	0	0	2	2
11	6	8	7	8	9	10	10	0	1	1	2	3
12	7	8	8	9	10	11	11	0	2	2	3	4
13	8	9	9	10	10	0	0	1	2	3	4	4
14	9	10	10	11	11	0	1	2	3	4	5	5
15	10	11	10	0	0	1	2	3	4	4	6	6
16	11	0	11	0	1	2	2	4	5	5	6	7
17	11	1	0	1	2	3	3	4	6	6	7	8
18	0	1	1	2	2	4	4	5	6	7	8	8
19	1	2	2	3	3	5	5	6	7	8	9	9
20	2	3	3	4	4	5	6	7	8	8	10	10
21	3	4	3	5	5	6	7	8	9	9	10	11
22	3	5	4	5	6	7	7	9	10	10	11	0
23	4	5	5	6	7	8	8	9	11	11	0	0
24	5	6	6	7	7	9	9	10	11	0	1	1
25	6	7	7	8	8	9	10	11	0	1	2	2
26	7	8	7	9	9	10	11	0	1	1	3	3
27	7	9	8	9	10	11	11	1	2	2	3	4
28	8	9	9	10	11	0	0	1	3	3	4	5
29	9	10	10	11	11	1	1	2	3	4	5	5
30	10		11	0	0	1	2	3	4	5	6	6
31	11		11		1		3	4		5		7

TABLE 2 (CONTINUED) LUNAR PHASE MU PRIME

YEAR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	8	9	8	9	9	11	11	0	1	2	3	3
2	9	10	9	10	10	11	0	1	2	2	4	4
3	9	11	9	11	11	0	1	2	3	3	4	5
4	10	11	10	11	0	1	1	3	4	4	5	6
5	11	0	11	0	1	2	2	3	5	5	6	6
6	0	1	0	1	1	3	3	4	5	6	7	7
7	1	2	1	2	2	3	4	5	6	7	8	8
8	1	3	1	3	3	4	5	6	7	7	9	9
9	2	3	2	3	4	5	5	7	8	8	9	10
10	3	4	3	4	5	6	6	7	9	9	10	11
11	4	5	4	5	5	7	7	8	9	10	11	11
12	5	6	5	6	6	7	8	9	10	11	0	0
13	6	7	5	7	7	8	9	10	11	11	1	1
14	6	8	6	8	8	9	9	11	0	0	1	2
15	7	8	7	8	9	10	10	11	1	1	2	3
16	8	9	8	9	10	11	11	0	1	2	3	3
17	9	10	9	10	10	0	0	1	2	3	4	4
18	10	11	10	11	11	0	1	2	3	3	5	5
19	10	0	10	0	0	1	2	3	4	4	5	6
20	11	0	11	0	1	2	2	4	5	5	6	7
21	0	1	0	1	2	3	3	4	6	6	7	7
22	1	2	1	2	2	4	4	5	6	7	8	8
23	2	3	2	3	3	4	5	6	7	8	9	9
24	2	4	2	4	4	5	6	7	8	8	10	10
25	3	4	3	4	5	6	6	8	9	9	10	11
26	4	5	4	5	6	7	7	8	10	10	11	0
27	5	6	5	6	6	8	8	9	10	11	0	0
28	6	7	6	7	7	8	9	10	11	0	1	1
29	7		7	8	8	9	10	11	0	0	2	2
30	7		7	9	9	10	10	0	1	1	2	3
31	8		8		10		11	0		2		4

TABLE 2 (CONTINUED) LUNAR PHASE MU PRIME

YEAR 1966

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	4	6	4	6	6	7	8	9	10	10	0	0
2	5	6	5	6	7	8	8	10	11	11	0	1
3	6	7	6	7	8	9	9	10	0	0	1	2
4	7	8	7	8	8	10	10	11	0	1	2	2
5	8	9	8	9	9	10	11	0	1	2	3	3
6	9	10	8	10	10	11	0	1	2	2	4	4
7	9	11	9	10	11	0	0	2	3	3	4	5
8	10	11	10	11	0	1	1	2	4	4	5	6
9	11	0	11	0	0	2	2	3	4	5	6	6
10	0	1	0	1	1	2	3	4	5	6	7	7
11	1	2	1	2	2	3	4	5	6	6	8	8
12	1	3	1	3	3	4	4	6	7	7	8	9
13	2	3	2	3	4	5	5	6	7	8	9	10
14	3	4	3	4	5	6	6	7	8	9	10	10
15	4	5	4	5	5	7	7	8	9	10	11	11
16	5	6	5	6	6	7	8	9	10	10	0	0
17	5	7	5	7	7	8	9	10	11	11	1	1
18	6	7	6	7	8	9	9	11	0	0	1	2
19	7	8	7	8	9	10	10	11	1	1	2	3
20	8	9	8	9	9	11	11	0	1	2	3	3
21	9	10	9	10	10	11	0	1	2	3	4	4
22	10	11	9	11	11	0	1	2	3	3	5	5
23	10	0	10	11	0	1	1	3	4	4	5	6
24	11	0	11	0	1	2	2	3	5	5	6	7
25	0	1	0	1	1	3	3	4	5	6	7	7
26	1	2	1	2	2	3	4	5	6	7	8	8
27	2	3	2	3	3	4	5	6	7	7	9	9
28	2	4	2	4	4	5	5	7	8	8	9	10
29	3		3	4	5	6	6	7	9	9	10	11
30	4		4	5	6	7	8	9	10	11	11	0
31	5		5		6		8	9	11			

TABLE 2 (CONTINUED) LUNAR PHASE MU PRIME

YEAR 1967

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	1	2	1	2	3	4	4	5	7	7	8	9
2	2	3	2	3	3	5	5	6	7	8	9	9
3	3	4	3	4	4	5	6	7	8	9	10	10
4	4	5	3	5	5	6	7	8	9	9	11	11
5	4	6	4	5	6	7	7	9	10	10	11	0
6	5	6	5	6	7	8	8	9	11	11	0	1
7	6	7	6	7	7	9	9	10	11	0	1	1
8	7	8	7	8	8	9	10	11	0	1	2	2
9	8	9	8	9	9	10	11	0	1	1	3	3
10	8	10	8	10	10	11	11	1	2	2	3	4
11	9	10	9	10	11	0	0	2	3	3	4	5
12	10	11	10	11	0	1	1	2	4	4	5	5
13	11	0	11	0	0	2	2	3	4	5	6	6
14	0	1	0	1	1	2	3	4	5	6	7	7
15	0	2	0	2	2	3	4	5	6	6	8	8
16	1	2	1	2	3	4	4	6	7	7	8	9
17	2	3	2	3	4	5	5	6	8	8	9	10
18	3	4	3	4	4	6	6	7	8	9	10	10
19	4	5	4	5	5	6	7	8	9	10	11	11
20	5	6	4	6	6	7	8	9	10	10	0	0
21	5	7	5	6	7	8	8	10	11	11	0	1
22	6	7	6	7	8	9	9	10	0	0	1	2
23	7	8	7	8	8	10	10	11	0	1	2	2
24	8	9	8	9	9	10	11	0	1	2	3	3
25	9	10	9	10	10	11	0	1	2	2	4	4
26	9	11	9	11	11	0	0	2	3	3	4	5
27	10	11	10	11	0	1	1	3	4	4	5	6
28	11	0	11	0	1	2	2	3	5	5	6	6
29	0		0	1	1	3	3	4	5	6	7	7
30	1		1	2	2	3	4	5	6	7	8	8
31	1		1		3		5	6	7			9

TABLE 2 (CONTINUED) LUNAR PHASE NU PRIME

YEAR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	10	11	10	0	0	1	2	3	4	4	6	6
2	11	0	11	0	1	2	2	4	5	5	6	7
3	11	1	0	1	2	3	3	4	6	6	7	8
4	0	1	1	2	2	4	4	5	6	7	8	8
5	1	2	2	3	3	5	5	6	7	8	9	9
6	2	3	3	4	4	5	6	7	8	8	10	10
7	3	4	3	5	5	6	7	8	9	9	10	11
8	3	5	4	5	6	7	7	9	10	10	11	0
9	4	5	5	6	7	8	8	9	11	11	0	0
10	5	6	6	7	7	9	9	10	11	0	1	1
11	6	7	7	8	8	9	10	11	0	1	2	2
12	7	8	7	9	9	10	11	0	1	1	3	3
13	7	9	8	9	10	11	11	1	2	2	3	4
14	8	9	9	10	11	0	0	1	3	3	4	5
15	9	10	10	11	11	1	1	2	3	4	5	5
16	10	11	11	0	0	1	2	3	4	5	6	6
17	11	0	11	1	1	2	3	4	5	5	7	7
18	0	1	0	1	2	3	3	5	6	6	7	8
19	0	2	1	2	3	4	5	6	7	8	9	9
20	1	2	2	3	4	5	5	6	7	8	9	9
21	2	3	3	4	4	6	6	7	8	9	10	10
22	3	4	4	5	5	6	7	8	9	9	11	11
23	4	5	4	6	6	7	8	9	10	10	11	0
24	4	6	5	6	7	8	8	10	11	11	0	1
25	5	6	6	7	8	9	9	10	0	0	1	1
26	6	7	7	8	8	10	10	11	0	1	2	2
27	7	8	8	9	9	10	11	0	1	2	3	3
28	8	9	8	10	10	11	0	1	2	2	4	4
29	8	10	9	10	11	0	0	2	3	3	4	5
30	9		10	11	0	1	1	2	4	4	5	6
31	10		11		0		2	3		5		6

TABLE 2 (CONTINUED) LUNAR PHASE NU PRIME

YEAR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	7	8	7	8	9	10	10	11	1	1	2	3
2	8	9	8	9	10	11	11	0	1	2	3	3
3	9	10	9	10	10	0	0	1	2	3	4	4
4	10	11	10	11	11	0	1	2	3	3	5	5
5	10	0	10	0	0	1	2	3	4	4	5	6
6	11	0	11	0	1	2	2	4	5	5	6	7
7	0	1	0	1	2	3	3	4	6	6	7	7
8	1	2	1	2	2	4	4	5	6	7	8	8
9	2	3	2	3	3	4	5	6	7	8	9	9
10	2	4	2	4	4	5	6	7	8	8	10	10
11	3	4	3	4	5	6	6	8	9	9	10	11
12	4	5	4	5	6	7	7	8	10	10	11	0
13	5	6	5	6	6	8	8	9	10	11	0	0
14	6	7	6	7	7	8	9	10	11	0	1	1
15	7	8	7	8	8	9	10	11	0	0	2	2
16	7	9	7	9	9	10	10	0	1	1	2	3
17	8	9	8	9	10	11	11	0	2	2	3	4
18	9	10	9	10	11	0	0	1	2	3	4	4
19	10	11	10	11	11	0	1	2	3	4	5	5
20	11	0	11	0	0	1	2	3	4	4	6	6
21	11	1	11	1	1	2	3	4	5	5	6	7
22	0	1	0	1	2	3	3	5	7	7	8	9
23	1	2	1	2	3	4	4	5	7	7	9	9
24	2	3	2	3	3	5	5	6	7	8	9	9
25	3	4	3	4	4	5	6	7	8	9	11	11
26	3	5	3	5	5	6	7	8	9	10	11	0
27	4	5	4	5	6	7	7	9	10	10	11	0
28	5	6	5	6	7	8	8	9	11	11	0	1
29	6		6	7	7	9	9	10	11	0	1	1
30	7		7	8	8	9	10	11	0	1	2	2
31	8		8		9		11	0		1		3

TABLE 2 (CONTINUED) LUNAR PHASE MU PRIME

YEAR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	4	5	4	5	5	7	7	6	9	10	11	11
2	5	6	5	6	6	7	8	9	10	11	0	0
3	5	7	5	7	7	8	9	10	11	11	1	1
4	6	7	6	7	8	9	9	11	0	0	1	2
5	7	8	7	8	9	10	10	11	1	1	2	3
6	8	9	8	9	9	11	11	0	1	2	3	3
7	9	10	9	10	10	11	0	1	2	3	4	4
8	10	11	9	11	11	0	1	2	3	3	5	5
9	10	0	10	11	0	1	1	3	4	4	5	6
10	11	0	11	0	1	2	2	3	5	5	6	7
11	0	1	0	1	1	3	3	4	5	6	7	7
12	1	2	1	2	2	3	4	5	6	7	8	8
13	2	3	2	3	3	4	5	6	7	7	8	9
14	2	4	2	4	4	5	5	7	8	8	9	10
15	3	4	3	4	5	6	6	7	9	9	10	11
16	4	5	4	5	6	7	7	8	9	10	11	11
17	5	6	5	6	6	8	8	9	10	11	0	0
18	6	7	6	7	7	8	9	10	11	0	1	1
19	6	8	6	8	8	9	10	11	0	0	2	2
20	7	8	7	8	9	10	10	0	1	1	2	3
21	8	9	8	9	10	11	11	0	2	2	3	4
22	9	10	9	10	10	0	0	1	2	3	4	4
23	10	11	10	11	11	0	1	2	3	4	5	5
24	11	0	10	0	0	1	2	3	4	4	6	6
25	11	1	11	0	1	2	2	4	5	5	6	7
26	0	1	0	1	2	3	3	4	6	6	7	8
27	1	2	1	2	2	4	4	5	6	7	8	8
28	2	3	2	3	3	4	5	6	7	8	9	9
29	3		3	4	4	5	6	7	8	8	10	10
30	3		3	5	5	6	6	8	9	9	10	11
31	4		4		6		7	8		10		0

TABLE 2 (CONTINUED) LUNAR PHASE MU PRIME

YEAR 1991

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	0	2	0	2	2	3	4	5	6	6	8	8
2	1	2	1	2	3	4	4	6	7	7	8	9
3	2	3	2	3	4	5	5	6	8	8	9	10
4	3	4	3	4	4	6	6	7	8	9	10	10
5	4	5	4	5	5	6	7	8	9	10	11	11
6	5	6	4	6	6	7	8	9	10	10	0	0
7	5	7	5	6	7	8	8	10	11	11	0	1
8	6	7	6	7	8	9	9	10	0	0	1	2
9	7	8	7	8	8	10	10	11	0	1	2	2
10	8	9	8	9	9	10	11	0	1	2	3	3
11	9	10	9	10	10	11	0	1	2	2	4	4
12	9	11	9	11	11	0	0	2	3	3	4	5
13	10	11	10	11	0	1	1	3	4	4	5	6
14	11	0	11	0	1	2	2	3	5	5	6	6
15	0	1	0	1	1	3	3	4	5	6	7	7
16	1	2	1	2	2	3	4	5	6	7	8	8
17	1	3	1	3	3	4	5	6	7	7	9	9
18	2	3	2	3	4	5	5	7	8	8	9	10
19	3	4	3	4	5	6	6	7	9	9	10	11
20	4	5	4	5	5	7	7	8	9	10	11	11
21	5	6	5	6	6	7	8	9	10	11	0	0
22	6	7	5	7	7	8	9	10	11	11	1	1
23	6	8	6	7	8	9	9	11	0	0	1	2
24	7	8	7	8	9	10	10	11	1	1	2	3
25	8	9	8	9	9	11	11	0	1	2	3	3
26	9	10	9	10	10	11	0	1	2	3	4	4
27	10	11	10	11	11	0	1	2	3	3	5	5
28	10	0	10	0	0	1	2	3	4	4	5	6
29	11		11	0	1	2	2	4	5	5	6	7
30	0		0	1	2	3	3	4	6	6	7	7
31	1		1		2		4	5		7		8

TABLE 2 (CONTINUED) LUNAR PHASE NU PRIME

YEAR 1992

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	9	10	10	11	11	1	1	2	3	4	5	5
2	10	11	11	0	0	1	2	3	4	5	6	6
3	11	0	11	1	1	2	3	4	5	5	7	7
4	0	1	0	1	2	3	3	5	6	6	7	8
5	0	2	1	2	3	4	4	5	7	7	8	9
6	1	2	2	3	4	5	5	6	7	8	9	9
7	2	3	3	4	4	6	6	7	8	9	10	10
8	3	4	4	5	5	6	7	8	9	9	11	11
9	4	5	4	6	6	7	8	9	10	10	11	0
10	4	6	5	6	7	8	8	10	11	11	0	1
11	5	6	6	7	8	9	9	10	0	0	1	1
12	6	7	7	8	8	10	10	11	0	1	2	2
13	7	8	8	9	9	10	11	0	1	2	3	3
14	8	9	8	10	10	11	0	1	2	2	4	4
15	8	10	9	10	11	0	0	2	3	3	4	5
16	9	10	10	11	0	1	1	2	4	4	5	6
17	10	11	11	0	0	2	2	3	4	5	6	6
18	11	0	0	1	1	2	3	4	5	6	7	7
19	0	1	0	2	2	3	4	5	6	6	8	8
20	1	2	1	2	3	4	4	6	7	7	8	9
21	1	3	2	3	4	5	5	6	8	8	9	10
22	2	3	3	4	5	6	6	7	8	9	10	10
23	3	4	4	5	5	7	7	8	9	10	11	11
24	4	5	5	6	6	7	8	9	10	10	0	0
25	5	6	5	7	7	8	9	10	11	11	0	1
26	5	7	6	7	8	9	9	11	0	0	1	2
27	6	7	7	8	9	10	10	11	1	1	2	2
28	7	8	8	9	9	11	11	0	1	2	3	3
29	8	9	9	10	10	11	0	1	2	3	4	4
30	9		9	11	11	0	1	2	3	3	5	5
31	9		10		0		1	3		4		6

TABLE 2 (CONTINUED) LUNAR PHASE NU PRIME

YEAR 1993

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	7	8	7	8	8	9	10	11	0	0	2	2
2	7	9	7	9	9	10	10	0	1	1	2	3
3	8	9	8	9	10	11	11	0	2	2	3	4
4	9	10	9	10	11	0	0	1	2	3	4	4
5	10	11	10	11	11	1	1	2	3	4	5	5
6	11	0	11	0	0	1	2	3	4	4	6	6
7	11	1	11	1	1	2	3	4	5	5	6	7
8	0	1	0	1	2	3	3	5	6	6	7	8
9	1	2	1	2	3	4	4	5	7	7	8	9
10	2	3	2	3	3	5	5	6	7	8	9	9
11	3	4	3	4	4	5	6	7	8	9	10	10
12	3	5	3	5	5	6	7	8	9	9	11	11
13	4	6	4	5	6	7	7	9	10	10	11	0
14	5	6	5	6	7	8	8	9	11	11	0	1
15	6	7	6	7	7	9	9	10	11	0	1	1
16	7	8	7	8	8	9	10	11	0	1	2	2
17	8	9	8	9	9	10	11	0	1	1	3	3
18	8	10	8	10	10	11	11	1	2	2	3	4
19	9	10	9	10	11	0	0	1	3	3	4	5
20	10	11	10	11	0	1	1	2	3	4	5	5
21	11	0	11	0	0	2	2	3	4	5	6	6
22	0	1	0	1	1	2	3	4	5	5	7	7
23	0	2	0	2	2	3	4	5	6	6	7	8
24	1	2	1	2	3	4	4	6	7	7	8	9
25	2	3	2	3	4	5	5	6	8	8	9	10
26	3	4	3	4	4	6	6	7	8	9	10	10
27	4	5	4	5	5	6	7	8	9	10	11	11
28	4	6	4	6	6	7	8	9	10	10	0	0
29	5		5	6	7	8	8	10	11	11	0	1
30	6		6	7	8	9	9	10	0	0	1	2
31	7		7		8		10	11		1		2

TABLE 2 (CONTINUED) LUNAR PHASE NU PRIME

YEAR 1994

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	3	4	3	4	5	6	6	7	9	9	10	11
2	4	5	4	5	6	7	7	8	9	10	11	11
3	5	6	5	6	6	8	8	9	10	11	0	0
4	6	7	6	7	7	8	9	10	11	0	1	1
5	6	8	6	8	8	9	10	11	0	0	2	2
6	7	8	7	8	9	10	10	0	1	1	2	3
7	8	9	8	9	10	11	11	0	2	2	3	4
8	9	10	9	10	10	0	0	1	2	3	4	4
9	10	11	10	11	11	0	1	2	3	4	5	5
10	11	0	10	0	0	1	2	3	4	4	6	6
11	11	1	11	0	1	2	2	4	5	5	6	7
12	0	1	0	1	2	3	3	4	6	6	7	8
13	1	2	1	2	2	4	4	5	6	7	8	8
14	2	3	2	3	3	4	5	6	7	8	9	9
15	3	4	3	4	4	5	6	7	8	8	10	10
16	3	5	3	5	5	6	6	8	9	9	10	11
17	4	5	4	5	6	7	7	8	10	10	11	0
18	5	6	5	6	7	8	8	9	11	11	0	0
19	6	7	6	7	7	9	9	10	11	0	1	1
20	7	8	7	8	8	9	10	11	0	1	2	2
21	7	9	7	9	9	10	11	0	1	1	3	3
22	8	9	8	9	10	11	11	1	2	2	3	4
23	9	10	9	10	11	0	0	1	3	3	4	5
24	10	11	10	11	11	1	1	2	3	4	5	5
25	11	0	11	0	0	1	2	3	4	5	6	6
26	0	1	11	1	1	2	3	4	5	5	7	7
27	0	2	0	1	2	3	3	5	6	6	7	8
28	1	2	1	2	3	4	4	5	7	7	8	9
29	2		2	3	3	5	5	6	7	8	9	9
30	3		3	4	4	5	6	7	8	9	10	10
31	4		4		5		7	8		9		11

TABLE 2 (CONTINUED) LUNAR PHASE NU PRIME

YEAR 1995

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	0	1	0	1	1	3	3	4	5	6	7	7
2	1	2	1	2	2	3	4	5	6	7	8	8
3	1	3	1	3	3	4	5	6	7	7	9	9
4	2	3	2	3	4	5	5	7	8	8	9	10
5	3	4	3	4	5	6	6	7	9	9	10	11
6	4	5	4	5	5	7	7	8	9	10	11	11
7	5	6	5	6	6	7	8	9	10	11	0	0
8	6	7	5	7	7	8	9	10	11	11	1	1
9	6	8	6	7	8	9	9	11	0	0	1	2
10	7	8	7	8	9	10	10	11	1	1	2	3
11	8	9	8	9	9	11	11	0	1	2	3	3
12	9	10	9	10	10	11	0	1	2	3	4	4
13	10	11	10	11	11	0	1	2	3	3	5	5
14	10	0	10	0	0	1	2	3	4	4	5	6
15	11	0	11	0	1	2	2	4	5	5	6	7
16	0	1	0	1	2	3	3	4	6	6	7	7
17	1	2	1	2	2	4	4	5	6	7	8	8
18	2	3	2	3	3	4	5	6	7	8	9	9
19	2	4	2	4	4	5	6	7	8	8	10	10
20	3	4	3	4	5	6	6	8	9	9	10	11
21	4	5	4	5	6	7	7	8	10	10	11	0
22	5	6	5	6	6	8	8	9	10	11	0	0
23	6	7	6	7	7	8	9	10	11	0	1	1
24	7	8	6	8	8	9	10	11	0	0	2	2
25	7	9	7	8	9	10	10	0	1	1	2	3
26	8	9	8	9	10	11	11	0	2	2	3	4
27	9	10	9	10	10	0	0	1	2	3	4	4
28	10	11	10	11	11	1	1	2	3	4	5	5
29	11		11	0	0	1	2	3	4	4	6	6
30	11		11	1	1	2	3	4	5	5	6	7
31	0		0		2		3	5		6		6

TABLE 2 (CONTINUED) LUNAR PHASE NU PRIME

YEAR 1996

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	8	10	9	10	11	0	0	2	3	3	4	5
2	9	10	10	11	0	1	1	2	4	4	5	6
3	10	11	11	0	0	2	2	3	4	5	6	6
4	11	0	0	1	1	2	3	4	5	6	7	7
5	0	1	0	2	2	3	4	5	6	6	8	8
6	1	2	1	2	3	4	4	6	7	7	8	9
7	1	3	2	3	4	5	5	6	8	8	9	10
8	2	3	3	4	5	6	6	7	8	9	10	10
9	3	4	4	5	5	7	7	8	9	10	11	11
10	4	5	5	6	6	7	8	9	10	10	0	0
11	5	6	5	7	7	8	9	10	11	11	0	1
12	5	7	6	7	8	9	9	11	0	0	1	2
13	6	7	7	8	9	10	10	11	1	1	2	2
14	7	8	8	9	9	11	11	0	1	2	3	3
15	8	9	9	10	10	11	0	1	2	3	4	4
16	9	10	9	11	11	0	1	2	3	3	5	5
17	9	11	10	11	0	1	1	3	4	4	5	6
18	10	11	11	0	1	2	2	3	5	5	6	7
19	11	0	0	1	1	3	3	4	5	6	7	7
20	0	1	1	2	2	3	4	5	6	7	8	8
21	1	2	1	3	3	4	5	6	7	7	9	9
22	2	3	2	4	4	5	5	7	8	8	9	10
23	2	4	3	4	5	6	6	7	9	9	10	11
24	3	4	4	5	6	7	7	8	9	10	11	11
25	4	5	5	6	6	8	8	9	10	11	0	0
26	5	6	6	7	7	8	9	10	11	11	1	1
27	6	7	6	8	8	9	10	11	0	0	1	2
28	6	8	7	8	9	10	10	0	1	1	2	3
29	7	8	8	9	10	11	11	0	2	2	3	3
30	8		9	10	10	0	0	1	2	3	4	4
31	9		10		11		1	2		4		5

TABLE 2 (CONTINUED) LUNAR PHASE NU PRIME

YEAR 1997

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	6	7	6	7	7	9	9	10	11	0	1	1
2	7	8	7	8	8	9	10	11	0	1	2	2
3	8	9	8	9	9	10	11	0	1	1	3	3
4	8	10	8	10	10	11	11	1	2	2	3	4
5	9	10	9	10	11	0	0	1	3	3	4	5
6	10	11	10	11	0	1	1	2	3	4	5	5
7	11	0	11	0	0	2	2	3	4	5	6	6
8	0	1	0	1	1	2	3	4	5	5	7	7
9	0	2	0	2	2	3	4	5	6	6	8	8
10	1	2	1	2	3	4	4	6	7	7	8	9
11	2	3	2	3	4	5	5	6	8	8	9	10
12	3	4	3	4	4	6	6	7	8	9	10	10
13	4	5	4	5	5	6	7	8	9	10	11	11
14	4	6	4	6	6	7	8	9	10	10	0	0
15	5	7	5	6	7	8	8	10	11	11	0	1
16	6	7	6	7	8	9	9	10	0	0	1	2
17	7	8	7	8	8	10	10	11	0	1	2	2
18	8	9	8	9	9	10	11	0	1	2	3	3
19	9	10	9	10	10	11	0	1	2	2	4	4
20	9	11	9	11	11	0	0	2	3	3	4	5
21	10	11	10	11	0	1	1	2	4	4	5	6
22	11	0	11	0	1	2	2	3	4	5	6	6
23	0	1	0	1	1	3	3	4	5	6	7	7
24	1	2	1	2	2	3	4	5	6	6	8	8
25	1	3	1	3	3	4	5	6	7	7	9	9
26	2	3	2	3	4	5	5	7	8	8	9	10
27	3	4	3	4	5	6	6	7	9	9	10	11
28	4	5	4	5	5	7	7	8	9	10	11	11
29	5		5	6	6	7	8	9	10	11	0	0
30	6		5	7	7	8	9	10	11	11	1	1
31	6		6		8		9	11		0		2

TABLE 2 (CONTINUED) LUNAR PHASE MU PRIME

YEAR 1998

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	3	4	3	4	4	5	6	7	8	8	10	10
2	3	5	3	5	5	6	6	8	9	9	10	11
3	4	5	4	5	6	7	7	8	10	10	11	0
4	5	6	5	6	7	8	8	9	11	11	0	0
5	6	7	6	7	7	9	9	10	11	0	1	1
6	7	8	7	8	8	9	10	11	0	1	2	2
7	7	9	7	9	9	10	11	0	1	1	3	3
8	8	9	8	9	10	11	11	1	2	2	3	4
9	9	10	9	10	11	0	0	1	3	3	4	5
10	10	11	10	11	11	1	1	2	3	4	5	5
11	11	0	11	0	0	1	2	3	4	5	6	6
12	0	1	11	1	1	2	3	4	5	5	7	7
13	0	2	0	1	2	3	3	5	6	6	7	8
14	1	2	1	2	3	4	4	5	7	7	8	9
15	2	3	2	3	3	5	5	6	7	8	9	9
16	3	4	3	4	4	5	6	7	8	9	10	10
17	4	5	4	5	5	6	7	8	9	9	11	11
18	4	6	4	6	6	7	7	9	10	10	11	0
19	5	6	5	6	7	8	8	9	11	11	0	1
20	6	7	6	7	8	9	9	10	0	0	1	1
21	7	8	7	8	8	10	10	11	0	1	2	2
22	8	9	8	9	9	10	11	0	1	2	3	3
23	8	10	8	10	10	11	0	1	2	2	4	4
24	9	10	9	10	11	0	0	2	3	3	4	5
25	10	11	10	11	0	1	1	2	4	4	5	6
26	11	0	11	0	0	2	2	3	4	5	6	6
27	0	1	0	1	1	2	3	4	5	6	7	7
28	1	2	0	2	2	3	4	5	6	6	8	8
29	1		1	2	3	4	4	6	7	7	8	9
30	2		2	3	4	5	5	6	8	8	9	10
31	3		3		4		6	7		9		10

TABLE 2 (CONTINUED) LUNAR PHASE MU PRIME

YEAR 1999

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	11	0	11	0	1	2	2	4	5	5	6	7
2	0	1	0	1	2	3	3	4	6	6	7	7
3	1	2	1	2	2	4	4	5	6	7	8	8
4	2	3	2	3	3	4	5	6	7	8	9	9
5	2	4	2	4	4	5	6	7	8	8	10	10
6	3	4	3	4	5	6	6	8	9	9	10	11
7	4	5	4	5	6	7	7	8	10	10	11	0
8	5	6	5	6	6	8	8	9	10	11	0	0
9	6	7	6	7	7	8	9	10	11	0	1	1
10	7	8	6	8	8	9	10	11	0	0	2	2
11	7	9	7	8	9	10	10	0	1	1	2	3
12	8	9	8	9	10	11	11	0	2	2	3	4
13	9	10	9	10	10	0	0	1	2	3	4	4
14	10	11	10	11	11	1	1	2	3	4	5	5
15	11	0	11	0	0	1	2	3	4	4	6	6
16	11	1	11	1	1	2	3	4	5	5	6	7
17	0	1	0	1	2	3	3	5	6	6	7	8
18	1	2	1	2	3	4	4	5	7	7	8	8
19	2	3	2	3	3	5	5	6	7	8	9	9
20	3	4	3	4	4	5	6	7	8	9	10	10
21	3	5	3	5	5	6	7	8	9	9	11	11
22	4	5	4	5	6	7	7	9	10	10	11	0
23	5	6	5	6	7	8	8	9	11	11	0	1
24	6	7	6	7	7	9	9	10	11	0	1	1
25	7	8	7	8	8	9	10	11	0	1	2	2
26	8	9	7	9	9	10	11	0	1	1	3	3
27	8	10	8	9	10	11	11	1	2	2	3	4
28	9	10	9	10	11	0	0	1	3	3	4	5
29	10		10	11	11	1	1	2	3	4	5	5
30	11		11	0	0	2	2	3	4	5	6	6
31	0		0		1		3	4		5		7

TABLE 2 (CONTINUED) LUNAR PHASE NU PRIME

YEAR 2000

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	8	9	9	10	10	11	0	1	2	3	4	4
2	9	10	9	11	11	0	1	2	3	3	5	5
3	9	11	10	11	0	1	1	3	4	4	5	6
4	10	11	11	0	1	2	2	3	5	5	6	7
5	11	0	0	1	1	3	3	4	5	6	7	7
6	0	1	1	2	2	3	4	5	6	7	8	8
7	1	2	1	3	3	4	5	6	7	7	9	9
8	2	3	2	4	4	5	5	7	8	8	9	10
9	2	4	3	4	5	6	6	7	9	9	10	11
10	3	4	4	5	6	7	7	8	9	10	11	11
11	4	5	5	6	6	8	8	9	10	11	0	0
12	5	6	6	7	7	8	9	10	11	11	1	1
13	6	7	6	8	8	9	10	11	0	0	1	2
14	6	8	7	8	9	10	10	0	1	1	2	3
15	7	8	8	9	10	11	11	0	2	2	3	3
16	8	9	9	10	10	0	0	1	2	3	4	4
17	9	10	10	11	11	0	1	2	3	4	5	5
18	10	11	10	0	0	1	2	3	4	4	6	6
19	10	0	11	0	1	2	2	4	5	5	6	7
20	11	0	0	1	2	3	3	4	6	6	7	8
21	0	1	1	2	2	4	4	5	6	7	8	8
22	1	2	2	3	3	4	5	6	7	8	9	9
23	2	3	3	4	4	5	6	7	8	8	10	10
24	3	4	3	5	5	6	6	8	9	9	10	11
25	3	5	4	5	6	7	7	8	10	10	11	0
26	4	5	5	6	7	8	8	9	10	11	0	0
27	5	6	6	7	7	9	9	10	11	0	1	1
28	6	7	7	8	8	9	10	11	0	0	2	2
29	7	8	7	9	9	10	11	0	1	1	2	3
30	7		8	9	10	11	11	1	2	2	3	4
31	8		9		11		0	1		3		4

TABLE 2 (CONTINUED) LUNAR PHASE NU PRIME

YEAR 2001

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	5	7	5	6	7	8	8	10	11	11	0	1
2	6	7	6	7	8	9	9	10	0	0	1	2
3	7	8	7	8	8	10	10	11	0	1	2	2
4	8	9	8	9	9	10	11	0	1	2	3	3
5	9	10	9	10	10	11	0	1	2	2	4	4
6	9	11	9	11	11	0	0	2	3	3	4	5
7	10	11	10	11	0	1	1	2	4	4	5	6
8	11	0	11	0	1	2	2	3	4	5	6	6
9	0	1	0	1	1	3	3	4	5	6	7	7
10	1	2	1	2	2	3	4	5	6	6	8	8
11	1	3	1	3	3	4	5	6	7	7	9	9
12	2	3	2	3	4	5	5	7	8	8	9	10
13	3	4	3	4	5	6	6	7	9	9	10	11
14	4	5	4	5	5	7	7	8	9	10	11	11
15	5	6	5	6	6	7	8	9	10	11	0	0
16	6	7	5	7	7	8	9	10	11	11	1	1
17	6	8	6	7	8	9	9	11	0	0	1	2
18	7	8	7	8	9	10	10	11	1	1	2	3
19	8	9	8	9	9	11	11	0	1	2	3	3
20	9	10	9	10	10	11	0	1	2	3	4	4
21	10	11	10	11	11	0	1	2	3	3	5	5
22	10	0	10	0	0	1	1	3	4	4	5	6
23	11	0	11	0	1	2	2	3	5	5	6	7
24	0	1	0	1	2	3	3	4	5	6	7	7
25	1	2	1	2	2	4	4	5	6	7	8	8
26	2	3	2	3	3	4	5	6	7	8	9	9
27	2	4	2	4	4	5	6	7	8	8	10	10
28	3	4	3	4	5	6	6	8	9	9	10	11
29	4		4	5	6	7	7	8	10	10	11	0
30	5		5	6	6	8	8	9	10	11	0	0
31	6		6		7		9	10		0		1

TABLE 2 (CONTINUED) LUNAR PHASE NU PRIME

YEAR 2002

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	2	3	2	3	3	5	5	6	7	8	9	9
2	3	4	3	4	4	5	6	7	8	9	10	10
3	4	5	4	5	5	6	7	8	9	9	11	11
4	4	6	4	6	6	7	7	9	10	10	11	0
5	5	6	5	6	7	8	8	10	11	11	0	1
6	6	7	6	7	8	9	9	10	0	0	1	1
7	7	8	7	8	8	10	10	11	0	1	2	2
8	8	9	8	9	9	10	11	0	1	2	3	3
9	8	10	8	10	10	11	0	1	2	2	4	4
10	9	10	9	10	11	0	0	2	3	3	4	5
11	10	11	10	11	0	1	1	2	4	4	5	6
12	11	0	11	0	0	2	2	3	4	5	6	6
13	0	1	0	1	1	2	3	4	5	6	7	7
14	1	2	0	2	2	3	4	5	6	6	8	8
15	1	3	1	2	3	4	4	6	7	7	8	9
16	2	3	2	3	4	5	5	6	8	8	9	10
17	3	4	3	4	4	6	6	7	8	9	10	10
18	4	5	4	5	5	6	7	8	9	10	11	11
19	5	6	5	6	6	7	8	9	10	10	0	0
20	5	7	5	7	7	8	8	10	11	11	0	1
21	6	7	6	7	8	9	9	11	0	0	1	2
22	7	8	7	8	9	10	10	11	1	1	2	2
23	8	9	8	9	9	11	11	0	1	2	3	3
24	9	10	9	10	10	11	0	1	2	3	4	4
25	9	11	9	11	11	0	1	2	3	3	5	5
26	10	11	10	11	0	1	1	3	4	4	5	6
27	11	0	11	0	1	2	2	3	5	5	6	7
28	0	1	0	1	1	3	3	4	5	6	7	7
29	1		1	2	2	3	4	5	6	7	8	8
30	2		1	3	3	4	5	6	7	7	9	9
31	2		2		4		5	7		8		10

TABLE 2 (CONTINUED) LUNAR PHASE NU PRIME

YEAR 2003

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	11	0	11	0	0	1	2	3	4	4	6	6
2	11	1	11	1	1	2	3	4	5	5	6	7
3	0	1	0	1	2	3	3	5	6	6	7	8
4	1	2	1	2	3	4	4	5	7	7	8	8
5	2	3	2	3	3	5	5	6	7	8	9	9
6	3	4	3	4	4	5	6	7	8	9	10	10
7	3	5	3	5	5	6	7	8	9	9	11	11
8	4	5	4	5	6	7	7	9	10	10	11	0
9	5	6	5	6	7	8	8	9	11	11	0	1
10	6	7	6	7	7	9	9	10	11	0	1	1
11	7	8	7	8	8	9	10	11	0	1	2	2
12	8	9	7	9	9	10	11	0	1	1	3	3
13	8	10	8	9	10	11	11	1	2	2	3	4
14	9	10	9	10	11	0	0	1	3	3	4	5
15	10	11	10	11	11	1	1	2	3	4	5	5
16	11	0	11	0	0	2	2	3	4	5	6	6
17	0	1	0	1	1	2	3	4	5	5	7	7
18	0	2	0	2	2	3	4	5	6	6	7	8
19	1	2	1	2	3	4	4	6	7	7	8	9
20	2	3	2	3	4	5	5	6	8	8	9	9
21	3	4	3	4	4	6	6	7	8	9	10	10
22	4	5	4	5	5	6	7	8	9	10	11	11
23	4	6	4	6	6	7	8	9	10	10	0	0
24	5	6	5	6	7	8	8	10	11	11	0	1
25	6	7	6	7	8	9	9	10	0	0	1	2
26	7	8	7	8	8	10	10	11	0	1	2	2
27	8	9	8	9	9	10	11	0	1	2	3	3
28	9	10	8	10	10	11	0	1	2	2	4	4
29	9		9	10	11	0	0	2	3	3	4	5
30	10		10	11	0	1	1	2	4	4	5	6
31	11		11		1		2	3		5		6

TABLE 2 (CONTINUED) LUNAR PHASE NU PRIME

YEAR 2004

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	7	8	8	9	10	11	11	0	2	2	3	3
2	8	9	9	10	10	0	0	1	2	3	4	4
3	9	10	10	11	11	0	1	2	3	4	5	5
4	10	11	10	0	0	1	2	3	4	4	6	6
5	10	0	11	0	1	2	2	4	5	5	6	7
6	11	0	0	1	2	3	3	4	6	6	7	8
7	0	1	1	2	2	4	4	5	6	7	8	8
8	1	2	2	3	3	4	5	6	7	8	9	9
9	2	3	3	4	4	5	6	7	8	8	10	10
10	3	4	3	5	5	6	6	8	9	9	10	11
11	3	5	4	5	6	7	7	8	10	10	11	0
12	4	5	5	6	7	8	8	9	10	11	0	0
13	5	6	6	7	7	9	9	10	11	0	1	1
14	6	7	7	8	8	9	10	11	0	0	2	2
15	7	8	7	9	9	10	11	0	1	1	2	3
16	7	9	8	9	10	11	11	1	2	2	3	4
17	8	9	9	10	11	0	0	1	3	3	4	4
18	9	10	10	11	11	1	1	2	3	4	5	5
19	10	11	11	0	0	1	2	3	4	5	6	6
20	11	0	11	1	1	2	3	4	5	5	7	7
21	11	1	0	1	2	3	3	5	6	6	7	8
22	0	1	1	2	3	4	4	5	7	7	8	9
23	1	2	2	3	3	5	5	6	7	8	9	9
24	2	3	3	4	4	5	6	7	8	9	10	10
25	3	4	4	5	5	6	7	8	9	9	11	11
26	4	5	4	6	6	7	7	9	10	10	11	0
27	4	6	5	6	7	8	8	9	11	11	0	1
28	5	6	6	7	8	9	9	10	11	0	1	1
29	6	7	7	8	8	10	10	11	0	1	2	2
30	7		8	9	9	10	11	0	1	1	3	3
31	8		8		10		0	1		2		4

TABLE 2 (CONTINUED) LUNAR PHASE NU PRIME

YEAR 2005

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	5	6	5	6	6	7	8	9	10	11	0	0
2	6	7	5	7	7	8	9	10	11	11	1	1
3	6	8	6	7	8	9	9	11	0	0	1	2
4	7	8	7	8	9	10	10	11	1	1	2	3
5	8	9	8	9	9	11	11	0	1	2	3	3
6	9	10	9	10	10	11	0	1	2	3	4	4
7	10	11	10	11	11	0	1	2	3	3	5	5
8	10	0	10	0	0	1	1	3	4	4	5	6
9	11	0	11	0	1	2	2	3	5	5	6	7
10	0	1	0	1	2	3	3	4	5	6	7	7
11	1	2	1	2	2	4	4	5	6	7	8	8
12	2	3	2	3	3	4	5	6	7	8	9	9
13	2	4	2	4	4	5	6	7	8	8	10	10
14	3	4	3	4	5	6	6	8	9	9	10	11
15	4	5	4	5	6	7	7	8	10	10	11	0
16	5	6	5	6	6	8	8	9	10	11	0	0
17	6	7	6	7	7	8	9	10	11	0	1	1
18	7	8	6	8	8	9	10	11	0	0	2	2
19	7	9	7	8	9	10	10	0	1	1	2	3
20	8	9	8	9	10	11	11	0	2	2	3	4
21	9	10	9	10	10	0	0	1	2	3	4	4
22	10	11	10	11	11	0	1	2	3	4	5	5
23	11	0	11	0	0	1	2	3	4	4	6	6
24	11	1	11	1	1	2	2	4	5	5	6	7
25	0	1	0	1	2	3	3	4	6	6	7	8
26	1	2	1	2	3	4	4	5	6	7	8	8
27	2	3	2	3	3	5	5	6	7	8	9	9
28	3	4	3	4	4	5	6	7	8	9	10	10
29	3		3	5	5	6	7	8	9	9	11	11
30	4		4	5	6	7	7	9	10	10	11	0
31	5		5		7		8	9		11		1

TABLE 2 (CONTINUED) LUNAR PHASE NU PRIME

YEAR 2006

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	1	3	1	2	3	4	4	6	7	7	8	9
2	2	3	2	3	4	5	5	6	8	8	9	10
3	3	4	3	4	4	6	6	7	8	9	10	10
4	4	5	4	5	5	6	7	8	9	10	11	11
5	5	6	5	6	6	7	8	9	10	10	0	0
6	5	7	5	7	7	8	8	10	11	11	0	1
7	6	7	6	7	8	9	9	11	0	0	1	2
8	7	8	7	8	9	10	10	11	1	1	2	2
9	8	9	8	9	9	11	11	0	1	2	3	3
10	9	10	9	10	10	11	0	1	2	3	4	4
11	9	11	9	11	11	0	1	2	3	3	5	5
12	10	11	10	11	0	1	1	3	4	4	5	6
13	11	0	11	0	1	2	2	3	5	5	6	7
14	0	1	0	1	1	3	3	4	5	6	7	7
15	1	2	1	2	2	3	4	5	6	7	8	8
16	2	3	1	3	3	4	5	6	7	7	9	9
17	2	4	2	3	4	5	5	7	8	8	9	10
18	3	4	3	4	5	6	6	7	9	9	10	11
19	4	5	4	5	5	7	7	8	9	10	11	11
20	5	6	5	6	6	7	8	9	10	11	0	0
21	6	7	6	7	7	8	9	10	11	11	1	1
22	6	8	6	8	8	9	10	11	0	0	1	2
23	7	8	7	8	9	10	10	0	1	1	2	3
24	8	9	8	9	10	11	11	0	2	2	3	3
25	9	10	9	10	10	0	0	1	2	3	4	4
26	10	11	10	11	11	0	1	2	3	4	5	5
27	10	0	10	0	0	1	2	3	4	4	6	6
28	11	0	11	0	1	2	2	4	5	5	6	7
29	0		0	1	2	3	3	4	6	6	7	8
30	1		1	2	2	4	4	5	6	7	8	8
31	2		2		3		5	6		8		9

TABLE 2 (CONTINUED) LUNAR PHASE NU PRIME

YEAR 2007

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	10	11	10	11	11	1	1	2	3	4	5	5
2	11	0	11	0	0	2	2	3	4	5	6	6
3	0	1	0	1	1	2	3	4	5	5	7	7
4	0	2	0	2	2	3	4	5	6	6	7	8
5	1	2	1	2	3	4	4	6	7	7	8	9
6	2	3	2	3	4	5	5	6	8	8	9	9
7	3	4	3	4	4	6	6	7	8	9	10	10
8	4	5	4	5	5	6	7	8	9	10	11	11
9	4	6	4	6	6	7	8	9	10	10	0	0
10	5	6	5	6	7	8	8	10	11	11	0	1
11	6	7	6	7	8	9	9	10	0	0	1	2
12	7	8	7	8	8	10	10	11	0	1	2	2
13	8	9	8	9	9	10	11	0	1	2	3	3
14	9	10	8	10	10	11	0	1	2	2	4	4
15	9	11	9	10	11	0	0	2	3	3	4	5
16	10	11	10	11	0	1	1	2	4	4	5	6
17	11	0	11	0	1	2	2	3	4	5	6	6
18	0	1	0	1	1	3	3	4	5	6	7	7
19	1	2	1	2	2	3	4	5	6	6	8	8
20	1	3	1	3	3	4	5	6	7	7	8	9
21	2	3	2	3	4	5	5	7	8	8	9	10
22	3	4	3	4	5	6	6	7	9	9	10	10
23	4	5	4	5	5	7	7	8	9	10	11	11
24	5	6	5	6	6	7	8	9	10	11	0	0
25	5	7	5	7	7	8	9	10	11	11	1	1
26	6	7	6	7	8	9	9	11	0	0	1	2
27	7	8	7	8	9	10	10	11	1	1	2	3
28	8	9	8	9	9	11	11	0	1	2	3	3
29	9		9	10	10	11	0	1	2	3	4	4
30	10		9	11	11	0	1	2	3	3	5	5
31	10		10		0		1	3		4		6

TABLE 2 (CONTINUED) LUNAR PHASE NU PRIME

YEAR 2008

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	7	8	7	9	9	10	11	0	1	1	2	3
2	7	9	8	9	10	11	11	1	2	2	3	4
3	8	9	9	10	11	0	0	1	3	3	4	5
4	9	10	10	11	11	1	1	2	3	4	5	5
5	10	11	11	0	0	1	2	3	4	5	6	6
6	11	0	11	1	1	2	3	4	5	5	7	7
7	11	1	0	1	2	3	3	5	6	6	7	8
8	0	1	1	2	3	4	4	5	7	7	8	9
9	1	2	2	3	3	5	5	6	7	8	9	9
10	2	3	3	4	4	5	6	7	8	9	10	10
11	3	4	4	5	5	6	7	8	9	9	11	11
12	4	5	4	6	6	7	7	9	10	10	11	0
13	4	6	5	6	7	8	8	9	11	11	0	1
14	5	6	6	7	8	9	9	10	11	0	1	1
15	6	7	7	8	8	10	10	11	0	1	2	2
16	7	8	8	9	9	10	11	0	1	1	3	3
17	8	9	8	10	10	11	0	1	2	2	3	4
18	8	10	9	10	11	0	0	2	3	3	4	5
19	9	10	10	11	0	1	1	2	4	4	5	6
20	10	11	11	0	0	2	2	3	4	5	6	6
21	11	0	0	1	1	2	3	4	5	6	7	7
22	0	1	0	2	2	3	4	5	6	6	8	8
23	0	2	1	2	3	4	4	6	7	7	8	9
24	1	3	2	3	4	5	5	6	8	8	9	10
25	2	3	3	4	4	6	6	7	8	9	10	10
26	3	4	4	5	5	6	7	8	9	10	11	11
27	4	5	5	6	6	7	8	9	10	10	0	0
28	5	6	5	7	7	8	8	10	11	11	0	1
29	5	7	6	7	8	9	9	10	0	0	1	2
30	6		7	8	9	10	10	11	0	1	2	2
31	7		8		9		11	0		2		3

TABLE 2 (CONTINUED) LUNAR PHASE NU PRIME

YEAR 2009

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	4	5	4	5	6	7	7	8	10	10	11	0
2	5	6	5	6	6	8	8	9	10	11	0	0
3	6	7	6	7	7	8	9	10	11	0	1	1
4	7	8	6	8	8	9	10	11	0	0	2	2
5	7	9	7	8	9	10	10	0	1	1	2	3
6	8	9	8	9	10	11	11	0	2	2	3	4
7	9	10	9	10	10	0	0	1	2	3	4	4
8	10	11	10	11	11	0	1	2	3	4	5	5
9	11	0	11	0	0	1	2	3	4	4	6	6
10	11	1	11	1	1	2	2	4	5	5	6	7
11	0	1	0	1	2	3	3	4	6	6	7	8
12	1	2	1	2	3	4	4	5	6	7	8	8
13	2	3	2	3	3	5	5	6	7	8	9	9
14	3	4	3	4	4	5	6	7	8	9	10	10
15	3	5	3	5	5	6	7	8	9	9	11	11
16	4	5	4	5	6	7	7	9	10	10	11	0
17	5	6	5	6	7	8	8	9	11	11	0	1
18	6	7	6	7	7	9	9	10	11	0	1	1
19	7	8	7	8	8	9	10	11	0	1	2	2
20	8	9	7	9	9	10	11	0	1	1	3	3
21	8	10	8	9	10	11	11	1	2	2	3	4
22	9	10	9	10	11	0	0	1	3	3	4	5
23	10	11	10	11	11	1	1	2	3	4	5	5
24	11	0	11	0	0	1	2	3	4	5	6	6
25	0	1	0	1	1	2	3	4	5	5	7	7
26	0	2	0	2	2	3	3	5	6	6	7	8
27	1	2	1	2	3	4	4	5	7	7	8	9
28	2	3	2	3	4	5	5	6	8	8	9	9
29	3		3	4	4	6	6	7	8	9	10	10
30	4		4	5	5	6	7	8	9	10	11	11
31	4		4		6		8	9		10		0

TABLE 2 (CONTINUED) LUNAR PHASE MU PRIME

YEAR 2010

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	1	2	1	2	2	3	4	5	6	7	8	8
2	2	3	1	3	3	4	5	6	7	7	9	9
3	2	4	2	3	4	5	5	7	8	8	9	10
4	3	4	3	4	5	6	6	7	9	9	10	11
5	4	5	4	5	5	7	7	8	9	10	11	11
6	5	6	5	6	6	7	8	9	10	11	0	0
7	6	7	6	7	7	8	9	10	11	11	1	1
8	6	8	6	8	8	9	10	11	0	0	1	2
9	7	8	7	8	9	10	10	0	1	1	2	3
10	8	9	8	9	10	11	11	0	2	2	3	3
11	9	10	9	10	10	0	0	1	2	3	4	4
12	10	11	10	11	11	0	1	2	3	4	5	5
13	10	0	10	0	0	1	2	3	4	4	6	6
14	11	0	11	0	1	2	2	4	5	5	6	7
15	0	1	0	1	2	3	3	4	6	6	7	8
16	1	2	1	2	2	4	4	5	6	7	8	8
17	2	3	2	3	3	4	5	6	7	8	9	9
18	3	4	2	4	4	5	6	7	8	8	10	10
19	3	5	3	4	5	6	6	8	9	9	10	11
20	4	5	4	5	6	7	7	8	10	10	11	0
21	5	6	5	6	6	8	8	9	10	11	0	0
22	6	7	6	7	7	8	9	10	11	0	1	1
23	7	8	7	8	8	9	10	11	0	0	2	2
24	7	9	7	9	9	10	11	0	1	1	2	3
25	8	9	8	9	10	11	11	1	2	2	3	4
26	9	10	9	10	11	0	0	1	3	3	4	4
27	10	11	10	11	11	1	1	2	3	4	5	5
28	11	0	11	0	0	1	2	3	4	5	6	6
29	11		11	1	1	2	3	4	5	5	7	7
30	0		0	1	2	3	3	5	6	6	7	8
31	1		1		3		4	5		7		9

TABLE 2 (CONTINUED) LUNAR PHASE MU PRIME

YEAR 2011

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	9	11	9	10	11	0	0	2	3	3	4	5
2	10	11	10	11	0	1	1	2	4	4	5	6
3	11	0	11	0	1	2	2	3	4	5	6	6
4	0	1	0	1	1	3	3	4	5	6	7	7
5	1	2	1	2	2	3	4	5	6	6	8	8
6	1	3	1	3	3	4	5	6	7	7	8	9
7	2	3	2	3	4	5	5	7	8	8	9	10
8	3	4	3	4	5	6	6	7	9	9	10	10
9	4	5	4	5	5	7	7	8	9	10	11	11
10	5	6	5	6	6	7	8	9	10	11	0	0
11	5	7	5	7	7	8	9	10	11	0	1	1
12	6	7	6	7	8	9	9	11	0	0	1	2
13	7	8	7	8	9	10	10	11	1	1	2	3
14	8	9	8	9	9	11	11	0	1	2	3	3
15	9	10	9	10	10	11	0	1	2	3	4	4
16	10	11	9	11	11	0	1	2	3	3	5	5
17	10	0	10	0	0	1	1	3	4	4	5	6
18	11	0	11	0	1	2	2	3	5	5	6	7
19	0	1	0	1	2	3	3	4	5	6	7	7
20	1	2	1	2	2	4	4	5	6	7	8	8
21	2	3	2	3	3	4	5	6	7	7	9	9
22	2	4	2	4	4	5	6	7	8	8	9	10
23	3	4	3	4	5	6	6	8	9	9	10	11
24	4	5	4	5	6	7	7	8	10	10	11	11
25	5	6	5	6	6	8	8	9	10	11	0	0
26	6	7	6	7	7	8	9	10	11	0	1	1
27	6	8	6	8	8	9	10	11	0	0	2	2
28	7	8	7	8	9	10	10	0	1	1	2	3
29	8		8	9	10	11	11	0	2	2	3	4
30	9		9	10	10	0	0	1	2	3	4	4
31	10		10		11		1	2		4		5

TABLE 2 (CONTINUED) LUNAR PHASE NU PRIME

YEAR 2012

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	6	7	7	8	8	10	10	11	0	1	2	2
2	7	8	8	9	9	10	11	0	1	1	3	3
3	8	9	8	10	10	11	0	1	2	2	3	4
4	8	10	9	10	11	0	0	2	3	3	4	5
5	9	10	10	11	0	1	1	2	4	4	5	6
6	10	11	11	0	0	2	2	3	4	5	6	6
7	11	0	0	1	1	2	3	4	5	6	7	7
8	0	1	0	2	2	3	4	5	6	6	8	8
9	0	2	1	2	3	4	4	6	7	7	8	9
10	1	3	2	3	4	5	5	6	8	8	9	10
11	2	3	3	4	4	6	6	7	8	9	10	10
12	3	4	4	5	5	6	7	8	9	10	11	11
13	4	5	5	6	6	7	8	9	10	10	0	0
14	5	6	5	7	7	8	8	10	11	11	0	1
15	5	7	6	7	8	9	9	10	0	0	1	2
16	6	7	7	8	9	10	10	11	0	1	2	2
17	7	8	8	9	9	11	11	0	1	2	3	3
18	8	9	9	10	10	11	0	1	2	2	4	4
19	9	10	9	11	11	0	1	2	3	3	5	5
20	9	11	10	11	0	1	1	3	4	4	5	6
21	10	11	11	0	1	2	2	3	5	5	6	7
22	11	0	0	1	1	3	3	4	5	6	7	7
23	0	1	1	2	2	3	4	5	6	7	8	8
24	1	2	1	3	3	4	5	6	7	7	9	9
25	1	3	2	3	4	5	5	7	8	8	9	10
26	2	4	3	4	5	6	6	7	9	9	10	11
27	3	4	4	5	5	7	7	8	9	10	11	11
28	4	5	5	6	6	7	8	9	10	11	0	0
29	5	6	6	7	7	8	9	10	11	11	1	1
30	6		6	8	8	9	9	11	0	0	1	2
31	6		7		9		10	11		1		3

TABLE 2 (CONTINUED) LUNAR PHASE NU PRIME

YEAR 2013

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	3	5	3	5	5	6	7	8	9	9	11	11
2	4	5	4	5	6	7	7	9	10	10	11	0
3	5	6	5	6	7	8	8	9	11	11	0	1
4	6	7	6	7	7	9	9	10	11	0	1	1
5	7	8	7	8	8	9	10	11	0	1	2	2
6	8	9	7	9	9	10	11	0	1	1	3	3
7	8	10	8	9	10	11	11	1	2	2	3	4
8	9	10	9	10	11	0	0	1	3	3	4	5
9	10	11	10	11	11	1	1	2	3	4	5	5
10	11	0	11	0	0	1	2	3	4	5	6	6
11	0	1	0	1	1	2	3	4	5	5	7	7
12	0	2	0	2	2	3	3	5	6	6	7	8
13	1	2	1	2	3	4	4	5	7	7	8	9
14	2	3	2	3	4	5	5	6	8	8	9	9
15	3	4	3	4	4	6	6	7	8	9	10	10
16	4	5	4	5	5	6	7	8	9	10	11	11
17	4	6	4	6	6	7	8	9	10	10	0	0
18	5	6	5	6	7	8	8	10	11	11	0	1
19	6	7	6	7	8	9	9	10	0	0	1	2
20	7	8	7	8	8	10	10	11	0	1	2	2
21	8	9	8	9	9	10	11	0	1	2	3	3
22	9	10	8	10	10	11	0	1	2	2	4	4
23	9	11	9	10	11	0	0	2	3	3	4	5
24	10	11	10	11	0	1	1	2	4	4	5	6
25	11	0	11	0	0	2	2	3	4	5	6	6
26	0	1	0	1	1	2	3	4	5	6	7	7
27	1	2	1	2	2	3	4	5	6	6	8	8
28	1	3	1	3	3	4	4	6	7	7	8	9
29	2		2	3	4	5	5	7	8	8	9	10
30	3		3	4	5	6	6	7	9	9	10	10
31	4		4		5		7	8		10		11

TABLE 2 (CONTINUED) LUNAR PHASE MU PRIME

YEAR 2014

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	0	1	0	1	2	3	3	4	6	6	7	8
2	1	2	1	2	2	4	4	5	6	7	8	8
3	2	3	2	3	3	4	5	6	7	8	9	9
4	3	4	2	4	4	5	6	7	8	8	10	10
5	3	5	3	4	5	6	6	8	9	9	10	11
6	4	5	4	5	6	7	7	8	10	10	11	0
7	5	6	5	6	6	8	8	9	10	11	0	0
8	6	7	6	7	7	8	9	10	11	0	1	1
9	7	8	7	8	8	9	10	11	0	0	2	2
10	7	9	7	9	9	10	11	0	1	1	2	3
11	8	9	8	9	10	11	11	1	2	2	3	4
12	9	10	9	10	11	0	0	1	3	3	4	4
13	10	11	10	11	11	1	1	2	3	4	5	5
14	11	0	11	0	0	1	2	3	4	5	6	6
15	11	1	11	1	1	2	3	4	5	5	7	7
16	0	1	0	1	2	3	3	5	6	6	7	8
17	1	2	1	2	3	4	4	5	7	7	8	9
18	2	3	2	3	3	5	5	6	7	8	9	9
19	3	4	3	4	4	5	6	7	8	9	10	10
20	4	5	3	5	5	6	7	8	9	9	11	11
21	4	6	4	5	6	7	7	9	10	10	11	0
22	5	6	5	6	7	8	8	9	11	11	0	1
23	6	7	6	7	7	9	9	10	11	0	1	1
24	7	8	7	8	8	10	10	11	0	1	2	2
25	8	9	8	9	9	10	11	0	1	1	3	3
26	8	10	8	10	10	11	0	1	2	2	3	4
27	9	10	9	10	11	0	0	2	3	3	4	5
28	10	11	10	11	0	1	1	2	4	4	5	5
29	11		11	0	0	2	2	3	4	5	6	6
30	0		0	1	1	2	3	4	5	6	7	7
31	0		0		2		4	5		6		8

TABLE 2 (CONTINUED) LUNAR PHASE MU PRIME

YEAR 2015

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	9	10	9	10	10	11	0	1	2	3	4	4
2	10	11	9	11	11	0	1	2	3	3	5	5
3	10	0	10	0	0	1	1	3	4	4	5	6
4	11	0	11	0	1	2	2	3	5	5	6	7
5	0	1	0	1	2	3	3	4	5	6	7	7
6	1	2	1	2	2	4	4	5	6	7	8	8
7	2	3	2	3	3	4	5	6	7	7	9	9
8	2	4	2	4	4	5	6	7	8	8	9	10
9	3	4	3	4	5	6	6	8	9	9	10	11
10	4	5	4	5	6	7	7	8	10	10	11	11
11	5	6	5	6	6	8	8	9	10	11	0	0
12	6	7	6	7	7	8	9	10	11	0	1	1
13	6	8	6	8	8	9	10	11	0	0	2	2
14	7	8	7	8	9	10	10	0	1	1	2	3
15	8	9	8	9	10	11	11	0	2	2	3	4
16	9	10	9	10	10	0	0	1	2	3	4	4
17	10	11	10	11	11	0	1	2	3	4	5	5
18	11	0	10	0	0	1	2	3	4	4	6	6
19	11	1	11	1	1	2	2	4	5	5	6	7
20	0	1	0	1	2	3	3	4	6	6	7	8
21	1	2	1	2	3	4	4	5	6	7	8	8
22	2	3	2	3	3	5	5	6	7	8	9	9
23	3	4	3	4	4	5	6	7	8	8	10	10
24	3	5	3	5	5	6	7	8	9	9	10	11
25	4	5	4	5	6	7	7	9	10	10	11	0
26	5	6	5	6	7	8	8	9	11	11	0	0
27	6	7	6	7	7	9	9	10	11	0	1	1
28	7	8	7	8	8	9	10	11	0	1	2	2
29	7		7	9	9	10	11	0	1	1	3	3
30	8		8	9	10	11	11	1	2	2	3	4
31	9		9		11		0	1		3		5

TABLE 2 (CONTINUED) LUNAR PHASE NU PRIME

YEAR 2016

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	5	7	6	7	8	9	9	10	0	0	1	2
2	6	7	7	8	9	10	10	11	0	1	2	2
3	7	8	8	9	9	11	11	0	1	2	3	3
4	8	9	9	10	10	11	0	1	2	2	4	4
5	9	10	9	11	11	0	1	2	3	3	5	5
6	9	11	10	11	0	1	1	3	4	4	5	6
7	10	11	11	0	1	2	2	3	5	5	6	7
8	11	0	0	1	1	3	3	4	5	6	7	7
9	0	1	1	2	2	3	4	5	6	7	8	8
10	1	2	1	3	3	4	5	6	7	7	9	9
11	2	3	2	3	4	5	5	7	8	8	9	10
12	2	4	3	4	5	6	6	7	9	9	10	11
13	3	4	4	5	5	7	7	8	9	10	11	11
14	4	5	5	6	6	7	8	9	10	11	0	0
15	5	6	6	7	7	8	9	10	11	11	1	1
16	6	7	6	8	8	9	9	11	0	0	1	2
17	6	8	7	8	9	10	10	11	1	1	2	3
18	7	8	8	9	10	11	11	0	1	2	3	3
19	8	9	9	10	10	0	0	1	2	3	4	4
20	9	10	10	11	11	0	1	2	3	3	5	5
21	10	11	10	0	0	1	2	3	4	4	6	6
22	10	0	11	0	1	2	2	4	5	5	6	7
23	11	0	0	1	2	3	3	4	6	6	7	8
24	0	1	1	2	2	4	4	5	6	7	8	8
25	1	2	2	3	3	4	5	6	7	8	9	9
26	2	3	2	4	4	5	6	7	8	8	10	10
27	3	4	3	4	5	6	6	8	9	9	10	11
28	3	5	4	5	6	7	7	8	10	10	11	0
29	4	5	5	6	6	8	8	9	10	11	0	0
30	5		6	7	7	8	9	10	11	0	1	1
31	6		7		8		10	11		0		2

TABLE 2 (CONTINUED) LUNAR PHASE NU PRIME

YEAR 2017

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	3	4	3	4	4	6	6	7	8	9	10	10
2	4	5	4	5	5	6	7	8	9	10	11	11
3	4	6	4	6	6	7	8	9	10	10	0	0
4	5	6	5	6	7	8	8	10	11	11	0	1
5	6	7	6	7	8	9	9	10	0	0	1	2
6	7	8	7	8	8	10	10	11	0	1	2	2
7	8	9	8	9	9	10	11	0	1	2	3	3
8	9	10	8	10	10	11	0	1	2	2	4	4
9	9	11	9	10	11	0	0	2	3	3	4	5
10	10	11	10	11	0	1	1	2	4	4	5	6
11	11	0	11	0	0	2	2	3	4	5	6	6
12	0	1	0	1	1	2	3	4	5	6	7	7
13	1	2	1	2	2	3	4	5	6	6	8	8
14	1	3	1	3	3	4	4	6	7	7	8	9
15	2	3	2	3	4	5	5	7	8	8	9	10
16	3	4	3	4	5	6	6	7	9	9	10	10
17	4	5	4	5	5	7	7	8	9	10	11	11
18	5	6	5	6	6	7	8	9	10	11	0	0
19	5	7	5	7	7	8	9	10	11	11	1	1
20	6	7	6	7	8	9	9	11	0	0	1	2
21	7	8	7	8	9	10	10	11	1	1	2	3
22	8	9	8	9	9	11	11	0	1	2	3	3
23	9	10	9	10	10	11	0	1	2	3	4	4
24	10	11	9	11	11	0	1	2	3	3	5	5
25	10	0	10	11	0	1	1	3	4	4	5	6
26	11	0	11	0	1	2	2	3	5	5	6	7
27	0	1	0	1	1	3	3	4	5	6	7	7
28	1	2	1	2	2	3	4	5	6	7	8	8
29	2		2	3	3	4	5	6	7	7	9	9
30	2		2	4	4	5	5	7	8	8	9	10
31	3		3		5		6	8		9		11

TABLE 2 (CONTINUED) LUNAR PHASE NU PRIME

YEAR 2018

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	11	1	11	1	1	2	3	4	5	5	7	7
2	0	1	0	1	2	3	3	5	6	6	7	8
3	1	2	1	2	3	4	4	5	7	7	8	9
4	2	3	2	3	3	5	5	6	7	8	9	9
5	3	4	3	4	4	5	6	7	8	9	10	10
6	4	5	3	5	5	6	7	8	9	9	11	11
7	4	6	4	5	6	7	7	9	10	10	11	0
8	5	6	5	6	7	8	8	9	11	11	0	1
9	6	7	6	7	7	9	9	10	11	0	1	1
10	7	8	7	8	8	10	10	11	0	1	2	2
11	8	9	8	9	9	10	11	0	1	1	3	3
12	9	10	9	10	10	11	0	1	2	2	3	4
13	9	10	9	10	11	0	0	2	3	3	4	5
14	10	11	10	11	0	1	1	2	4	4	5	5
15	11	0	11	0	0	2	2	3	4	5	6	6
16	0	1	0	1	1	2	3	4	5	6	7	7
17	0	2	0	2	2	3	4	5	6	6	8	8
18	1	2	1	2	3	4	4	6	7	7	8	9
19	2	3	2	3	4	5	5	6	8	8	9	10
20	3	4	3	4	4	6	6	7	8	9	10	10
21	4	5	4	5	5	6	7	8	9	10	11	11
22	5	6	4	6	6	7	8	9	10	10	0	0
23	5	7	5	6	7	8	8	10	11	11	0	1
24	6	7	6	7	8	9	9	10	0	0	1	2
25	7	8	7	8	9	10	10	11	0	1	2	2
26	8	9	8	9	9	11	11	0	1	2	3	3
27	9	10	9	10	10	11	0	1	2	2	4	4
28	9	11	9	11	11	0	1	2	3	3	4	5
29	10		10	11	0	1	1	3	4	4	5	6
30	11		11	0	1	2	2	3	5	5	6	6
31	0		0		1		3	4		6		7

TABLE 2 (CONTINUED) LUNAR PHASE NU PRIME

YEAR 2019

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	8	9	8	9	10	11	11	0	2	2	3	4
2	9	10	9	10	10	0	0	1	2	3	4	4
3	10	11	10	11	11	0	1	2	3	4	5	5
4	11	0	10	0	0	1	2	3	4	4	6	6
5	11	1	11	1	1	2	2	4	5	5	6	7
6	0	1	0	1	2	3	3	4	6	6	7	8
7	1	2	1	2	3	4	4	5	6	7	8	8
8	2	3	2	3	3	5	5	6	7	8	9	9
9	3	4	3	4	4	5	6	7	8	8	10	10
10	3	5	3	5	5	6	7	8	9	9	10	11
11	4	5	4	5	6	7	7	9	10	10	11	0
12	5	6	5	6	7	8	8	9	11	11	0	0
13	6	7	6	7	7	9	9	10	11	0	1	1
14	7	8	7	8	8	9	10	11	0	1	2	2
15	7	9	7	9	9	10	11	0	1	1	3	3
16	8	9	8	9	10	11	11	1	2	2	3	4
17	9	10	9	10	11	0	0	1	3	3	4	5
18	10	11	10	11	11	1	1	2	3	4	5	5
19	11	0	11	0	0	1	2	3	4	5	6	6
20	0	1	0	1	1	2	3	4	5	5	7	7
21	0	2	0	2	2	3	3	5	6	6	7	8
22	1	2	1	2	3	4	4	5	7	7	8	9
23	2	3	2	3	4	5	5	6	7	8	9	9
24	3	4	3	4	4	6	6	7	8	9	10	10
25	4	5	4	5	5	6	7	8	9	9	11	11
26	4	6	4	6	6	7	8	9	10	10	11	0
27	5	6	5	6	7	8	8	10	11	11	0	1
28	6	7	6	7	8	9	9	10	0	0	1	2
29	7		7	8	8	10	10	11	0	1	2	2
30	8		8	9	9	10	11	0	1	2	3	3
31	8		8		10		0	1		2		4

TABLE 2 (CONTINUED) LUNAR PHASE NU PRIME

YEAR 2020

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	5	6	6	7	7	8	9	10	11	11	1	1
2	6	7	6	8	8	9	9	11	0	0	1	2
3	6	8	7	8	9	10	10	11	1	1	2	3
4	7	8	8	9	10	11	11	0	1	2	3	3
5	8	9	9	10	10	0	0	1	2	3	4	4
6	9	10	10	11	11	0	1	2	3	4	5	5
7	10	11	10	0	0	1	2	3	4	4	6	6
8	10	0	11	0	1	2	2	4	5	5	6	7
9	11	0	0	1	2	3	3	4	6	6	7	8
10	0	1	1	2	2	4	4	5	6	7	8	8
11	1	2	2	3	3	4	5	6	7	8	9	9
12	2	3	2	4	4	5	6	7	8	8	10	10
13	3	4	3	4	5	6	6	8	9	9	10	11
14	3	5	4	5	6	7	7	8	10	10	11	0
15	4	5	5	6	6	8	8	9	10	11	0	0
16	5	6	6	7	7	8	9	10	11	0	1	1
17	6	7	7	8	8	9	10	11	0	0	2	2
18	7	8	7	9	9	10	10	0	1	1	2	3
19	7	9	8	9	10	11	11	0	2	2	3	4
20	8	9	9	10	11	0	0	1	2	3	4	4
21	9	10	10	11	11	1	1	2	3	4	5	5
22	10	11	11	0	0	1	2	3	4	5	6	6
23	11	0	11	1	1	2	3	4	5	5	7	7
24	11	1	0	1	2	3	3	5	6	6	7	8
25	0	1	1	2	3	4	4	5	7	7	8	9
26	1	2	2	3	3	5	5	6	7	8	9	9
27	2	3	3	4	4	5	6	7	8	9	10	10
28	3	4	3	5	5	6	7	8	9	9	11	11
29	4	5	4	5	6	7	7	9	10	10	11	0
30	4		5	6	7	8	8	9	11	11	0	1
31	5		6		7		9	10		0		1

TABLE 2 (CONTINUED) LUNAR PHASE NU PRIME

YEAR 2021

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	2	3	2	3	4	5	5	7	8	8	9	10
2	3	4	3	4	5	6	6	7	9	9	10	10
3	4	5	4	5	5	7	7	8	9	10	11	11
4	5	6	5	6	6	7	8	9	10	11	0	0
5	5	7	5	7	7	8	9	10	11	11	1	1
6	6	7	6	7	8	9	9	11	0	0	1	2
7	7	8	7	8	9	10	10	11	1	1	2	3
8	8	9	8	9	9	11	11	0	1	2	3	3
9	9	10	9	10	10	11	0	1	2	3	4	4
10	10	11	9	11	11	0	1	2	3	3	5	5
11	10	0	10	11	0	1	1	3	4	4	5	6
12	11	0	11	0	1	2	2	3	5	5	6	7
13	0	1	0	1	1	3	3	4	5	6	7	7
14	1	2	1	2	2	3	4	5	6	7	8	8
15	2	3	2	3	3	4	5	6	7	7	9	9
16	2	4	2	4	4	5	5	7	8	8	9	10
17	3	4	3	4	5	6	6	8	9	9	10	11
18	4	5	4	5	6	7	7	8	10	10	11	11
19	5	6	5	6	6	8	8	9	10	11	0	0
20	6	7	6	7	7	8	9	10	11	0	1	1
21	6	8	6	8	8	9	10	11	0	0	2	2
22	7	8	7	8	9	10	10	0	1	1	2	3
23	8	9	8	9	10	11	11	0	2	2	3	4
24	9	10	9	10	10	0	0	1	2	3	4	4
25	10	11	10	11	11	0	1	2	3	4	5	5
26	11	0	10	0	0	1	2	3	4	4	6	6
27	11	1	11	0	1	2	2	4	5	5	6	7
28	0	1	0	1	2	3	3	4	6	6	7	8
29	1		1	2	2	4	4	5	6	7	8	8
30	2		2	3	3	4	5	6	7	8	9	9
31	3		3		4		6	7		8		10

TABLE 2 (CONTINUED) LUNAR PHASE MU PRIME

YEAR 2022

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	11	0	11	0	0	2	2	3	4	5	6	6
2	0	1	0	1	1	2	3	4	5	6	7	7
3	0	2	0	2	2	3	4	5	6	6	8	8
4	1	2	1	2	3	4	4	6	7	7	8	9
5	2	3	2	3	4	5	5	6	8	8	9	10
6	3	4	3	4	4	6	6	7	8	9	10	10
7	4	5	4	5	5	6	7	8	9	10	11	11
8	5	6	4	6	6	7	8	9	10	10	0	0
9	5	7	5	6	7	8	8	10	11	11	0	1
10	6	7	6	7	8	9	9	10	0	0	1	2
11	7	8	7	8	9	10	10	11	0	1	2	2
12	8	9	8	9	9	11	11	0	1	2	3	3
13	9	10	9	10	10	11	0	1	2	2	4	4
14	9	11	9	11	11	0	1	2	3	3	4	5
15	10	11	10	11	0	1	1	3	4	4	5	6
16	11	0	11	0	1	2	2	3	5	5	6	6
17	0	1	0	1	1	3	3	4	5	6	7	7
18	1	2	1	2	2	3	4	5	6	7	8	8
19	1	3	1	3	3	4	5	6	7	7	9	9
20	2	3	2	3	4	5	5	7	8	8	9	10
21	3	4	3	4	5	6	6	7	9	9	10	11
22	4	5	4	5	5	7	7	8	9	10	11	11
23	5	6	5	6	6	7	8	9	10	11	0	0
24	6	7	5	7	7	8	9	10	11	11	1	1
25	6	8	6	7	8	9	9	11	0	0	1	2
26	7	8	7	8	9	10	10	11	1	1	2	3
27	8	9	8	9	10	11	11	0	1	2	3	3
28	9	10	9	10	10	0	0	1	2	3	4	4
29	10		10	11	11	0	1	2	3	3	5	5
30	10		10	0	0	1	2	3	4	4	5	6
31	11		11		1		2	4		5		7

TABLE 2 (CONTINUED) LUNAR PHASE MU PRIME

YEAR 2023

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	7	9	7	9	9	10	11	0	1	1	3	3
2	8	9	8	9	10	11	11	1	2	2	3	4
3	9	10	9	10	11	0	0	1	3	3	4	5
4	10	11	10	11	11	1	1	2	3	4	5	5
5	11	0	11	0	0	1	2	3	4	5	6	6
6	0	1	0	1	1	2	3	4	5	5	7	7
7	0	2	0	2	2	3	3	5	6	6	7	8
8	1	2	1	2	3	4	4	5	7	7	8	9
9	2	3	2	3	4	5	5	6	7	8	9	9
10	3	4	3	4	4	6	6	7	8	9	10	10
11	4	5	4	5	5	6	7	8	9	9	11	11
12	4	6	4	6	6	7	8	9	10	10	11	0
13	5	6	5	6	7	8	8	10	11	11	0	1
14	6	7	6	7	8	9	9	10	0	0	1	2
15	7	8	7	8	9	10	10	11	0	1	2	2
16	8	9	8	9	9	10	11	0	1	2	3	3
17	8	10	8	10	10	11	0	1	2	2	4	4
18	9	11	9	10	11	0	0	2	3	3	4	5
19	10	11	10	11	0	1	1	2	4	4	5	6
20	11	0	11	0	0	2	2	3	4	5	6	6
21	0	1	0	1	1	2	3	4	5	6	7	7
22	1	2	1	2	2	3	4	5	6	6	8	8
23	1	3	1	3	3	4	4	6	7	7	8	9
24	2	3	2	3	4	5	5	6	8	8	9	10
25	3	4	3	4	5	6	6	7	8	9	10	10
26	4	5	4	5	5	7	7	8	9	10	11	11
27	5	6	5	6	6	7	8	9	10	10	0	0
28	5	7	5	7	7	8	9	10	11	11	0	1
29	6		6	7	8	9	9	11	0	0	1	2
30	7		7	8	9	10	10	11	1	1	2	3
31	8		8		9		11	0		2		3

TABLE 2 (CONTINUED) LUNAR PHASE NU PRIME

YEAR 2024

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	4	5	5	6	6	8	8	9	10	11	0	0
2	5	6	6	7	7	8	9	10	11	0	1	-1
3	6	7	7	8	8	9	10	11	0	0	2	2
4	7	8	7	9	9	10	10	0	1	1	2	3
5	7	9	8	9	10	11	11	0	2	2	3	4
6	8	9	9	10	11	0	0	1	2	3	4	4
7	9	10	10	11	11	1	1	2	3	4	5	5
8	10	11	11	0	0	1	2	3	4	5	6	6
9	11	0	11	1	1	2	3	4	5	5	7	7
10	11	1	0	1	2	3	3	5	6	6	7	8
11	0	1	1	2	3	4	4	5	7	7	8	9
12	1	2	2	3	3	5	5	6	7	8	9	9
13	2	3	3	4	4	5	6	7	8	9	10	10
14	3	4	3	5	5	6	7	8	9	9	11	11
15	4	5	4	5	6	7	7	9	10	10	11	0
16	4	6	5	6	7	8	8	9	11	11	0	1
17	5	6	6	7	7	9	9	10	11	0	1	1
18	6	7	7	8	8	9	10	11	0	1	2	2
19	7	8	8	9	9	10	11	0	1	1	3	3
20	8	9	8	10	10	11	11	1	2	2	3	4
21	8	10	9	10	11	0	0	1	3	3	4	5
22	9	10	10	11	0	1	1	2	4	4	5	5
23	10	11	11	0	0	2	2	3	4	5	6	6
24	11	0	0	1	1	2	3	4	5	6	7	7
25	0	1	0	2	2	3	4	5	6	6	8	8
26	0	2	1	2	3	4	4	6	7	7	8	9
27	1	2	2	3	4	5	5	6	8	8	9	10
28	2	3	3	4	4	6	6	7	8	9	10	10
29	3	4	4	5	5	6	7	8	9	10	11	11
30	4		4	6	6	7	8	9	10	10	0	0
31	5		5		7		8	10		11		1

TABLE 2 (CONTINUED) LUNAR PHASE NU PRIME

YEAR 2025

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	2	3	2	3	3	4	5	6	7	7	9	9
2	2	4	2	4	4	5	6	7	8	8	9	10
3	3	4	3	4	5	6	6	8	9	9	10	11
4	4	5	4	5	6	7	7	8	10	10	11	11
5	5	6	5	6	6	8	8	9	10	11	0	0
6	6	7	6	7	7	8	9	10	11	0	1	1
7	6	8	6	8	8	9	10	11	0	0	2	2
8	7	8	7	8	9	10	10	0	1	1	2	3
9	8	9	8	9	10	11	11	0	2	2	3	4
10	9	10	9	10	10	0	0	1	2	3	4	4
11	10	11	10	11	11	0	1	2	3	4	5	5
12	11	0	10	0	0	1	2	3	4	4	6	6
13	11	1	11	0	1	2	2	4	5	5	6	7
14	0	1	0	1	2	3	3	4	6	6	7	8
15	1	2	1	2	2	4	4	5	6	7	8	8
16	2	3	2	3	3	4	5	6	7	8	9	9
17	3	4	3	4	4	5	6	7	8	8	10	10
18	3	5	3	5	5	6	7	8	9	9	10	11
19	4	5	4	5	6	7	7	9	10	10	11	0
20	5	6	5	6	7	8	8	9	11	11	0	0
21	6	7	6	7	7	9	9	10	11	0	1	1
22	7	8	7	8	8	9	10	11	0	1	2	2
23	7	9	7	9	9	10	11	0	1	1	3	3
24	8	9	8	9	10	11	11	1	2	2	3	4
25	9	10	9	10	11	0	0	1	3	3	4	5
26	10	11	10	11	11	1	1	2	3	4	5	5
27	11	0	11	0	0	1	2	3	4	5	6	6
28	0	1	11	1	1	2	3	4	5	5	7	7
29	0		0	1	2	3	3	5	6	6	7	8
30	1		1	2	3	4	4	5	7	7	8	9
31	2		2		3		5	6		8		9

TABLE 2 (CONTINUED) LUNAR PHASE MU PRIME

YEAR 2026

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	10	11	10	11	0	1	1	3	4	4	5	6
2	11	0	11	0	1	2	2	3	5	5	6	6
3	0	1	0	1	1	3	3	4	5	6	7	7
4	1	2	1	2	2	3	4	5	6	7	8	8
5	1	3	1	3	3	4	5	6	7	7	9	9
6	2	3	2	3	4	5	5	7	8	8	9	10
7	3	4	3	4	5	6	6	7	9	9	10	11
8	4	5	4	5	5	7	7	8	9	10	11	11
9	5	6	5	6	6	7	8	9	10	11	0	0
10	6	7	6	7	7	8	9	10	11	11	1	1
11	6	8	6	7	8	9	9	11	0	0	1	2
12	7	8	7	8	9	10	10	11	1	1	2	3
13	8	9	8	9	10	11	11	0	1	2	3	3
14	9	10	9	10	10	0	0	1	2	3	4	4
15	10	11	10	11	11	0	1	2	3	3	5	5
16	10	0	10	0	0	1	2	3	4	4	5	6
17	11	0	11	0	1	2	2	4	5	5	6	7
18	0	1	0	1	2	3	3	4	6	6	7	7
19	1	2	1	2	2	4	4	5	6	7	8	8
20	2	3	2	3	3	4	5	6	7	8	9	9
21	2	4	2	4	4	5	6	7	8	8	10	10
22	3	4	3	4	5	6	6	8	9	9	10	11
23	4	5	4	5	6	7	7	8	10	10	11	0
24	5	6	5	6	6	8	8	9	10	11	0	0
25	6	7	6	7	7	8	9	10	11	0	1	1
26	7	8	6	8	8	9	10	11	0	0	2	2
27	7	9	7	9	9	10	10	0	1	1	2	3
28	8	9	8	9	10	11	11	0	2	2	3	4
29	9		9	10	11	0	0	1	2	3	4	4
30	10		10	11	11	1	1	2	3	4	5	5
31	11		11		0		2	3		4		6

TABLE 2 (CONTINUED) LUNAR PHASE MU PRIME

YEAR 2027

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	7	8	7	8	8	10	10	11	0	1	2	2
2	8	9	8	9	9	10	11	0	1	2	3	3
3	8	10	8	10	10	11	0	1	2	2	4	4
4	9	11	9	10	11	0	0	2	3	3	4	5
5	10	11	10	11	0	1	1	2	4	4	5	6
6	11	0	11	0	0	2	2	3	4	5	6	6
7	0	1	0	1	1	2	3	4	5	6	7	7
8	1	2	1	2	2	3	4	5	6	6	8	8
9	1	3	1	3	3	4	4	6	7	7	8	9
10	2	3	2	3	4	5	5	6	8	8	9	10
11	3	4	3	4	5	6	6	7	8	9	10	10
12	4	5	4	5	5	7	7	8	9	10	11	11
13	5	6	5	6	6	7	8	9	10	10	0	0
14	5	7	5	7	7	8	9	10	11	11	0	1
15	6	7	6	7	8	9	9	11	0	0	1	2
16	7	8	7	8	9	10	10	11	1	1	2	3
17	8	9	8	9	9	11	11	0	1	2	3	3
18	9	10	9	10	10	11	0	1	2	3	4	4
19	9	11	9	11	11	0	1	2	3	3	5	5
20	10	0	10	11	0	1	1	3	4	4	5	6
21	11	0	11	0	1	2	2	3	5	5	6	7
22	0	1	0	1	1	3	3	4	5	6	7	7
23	1	2	1	2	2	3	4	5	6	7	8	8
24	2	3	2	3	3	4	5	6	7	7	9	9
25	2	4	2	4	4	5	5	7	8	8	9	10
26	3	4	3	4	5	6	6	7	9	9	10	11
27	4	5	4	5	6	7	7	8	9	10	11	11
28	5	6	5	6	6	8	8	9	10	11	0	0
29	6		6	7	7	8	9	10	11	11	1	1
30	6		6	8	8	9	10	11	0	0	2	2
31	7		7		9		10	0		1		3

TABLE 2 (CONTINUED) LUNAR PHASE NU PRIME

YEAR 2028

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	4	5	4	5	6	7	7	9	10	10	11	0
2	4	6	5	6	7	8	8	9	11	11	0	1
3	5	6	6	7	7	9	9	10	11	0	1	1
4	6	7	7	8	8	9	10	11	0	1	2	2
5	7	8	8	9	9	10	11	0	1	1	3	3
6	8	9	8	10	10	11	11	1	2	2	3	4
7	8	10	9	10	11	0	0	1	3	3	4	5
8	9	10	10	11	0	1	1	2	4	4	5	5
9	10	11	11	0	0	2	2	3	4	5	6	6
10	11	0	0	1	1	2	3	4	5	6	7	7
11	0	1	0	2	2	3	4	5	6	6	8	8
12	0	2	1	2	3	4	4	6	7	7	8	9
13	1	2	2	3	4	5	5	6	8	6	9	10
14	2	3	3	4	4	6	6	7	8	9	10	10
15	3	4	4	5	5	6	7	8	9	10	11	11
16	4	5	4	6	6	7	8	9	10	10	0	0
17	5	6	5	6	7	8	8	10	11	11	0	1
18	5	7	6	7	8	9	9	10	0	0	1	2
19	6	7	7	8	8	10	10	11	0	1	2	2
20	7	8	8	9	9	10	11	0	1	2	3	3
21	8	9	9	10	10	11	0	1	2	2	4	4
22	9	10	9	11	11	0	0	2	3	3	4	5
23	9	11	10	11	0	1	1	2	4	4	5	6
24	10	11	11	0	1	2	2	3	5	5	6	6
25	11	0	0	1	1	3	3	4	5	6	7	7
26	0	1	1	2	2	3	4	5	6	7	8	8
27	1	2	1	3	3	4	5	6	7	7	9	9
28	1	3	2	3	4	5	5	7	8	8	9	10
29	2	3	3	4	5	6	6	7	9	9	10	11
30	3		4	5	5	7	7	8	9	10	11	11
31	4		5		6		8	9		11		0

TABLE 2 (CONTINUED) LUNAR PHASE NU PRIME

YEAR 2029

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	1	2	1	2	2	4	4	5	6	7	8	8
2	2	3	2	3	3	4	5	6	7	8	9	9
3	3	4	3	4	4	5	6	7	8	8	10	10
4	3	5	3	5	5	6	7	8	9	9	10	11
5	4	5	4	5	6	7	7	9	10	10	11	0
6	5	6	5	6	7	8	8	9	11	11	0	0
7	6	7	6	7	7	9	9	10	11	0	1	1
8	7	8	7	8	8	9	10	11	0	1	2	2
9	7	9	7	9	9	10	11	0	1	1	3	3
10	8	9	8	9	10	11	11	1	2	2	3	4
11	9	10	9	10	11	0	0	1	3	3	4	5
12	10	11	10	11	11	1	1	2	3	4	5	5
13	11	0	11	0	0	1	2	3	4	5	6	6
14	0	1	11	1	1	2	3	4	5	5	7	7
15	0	2	0	1	2	3	3	5	6	6	7	8
16	1	2	1	2	3	4	4	5	7	7	8	9
17	2	3	2	3	3	5	5	6	7	8	9	9
18	3	4	3	4	4	6	6	7	8	9	10	10
19	4	5	4	5	5	6	7	8	9	9	11	11
20	4	6	4	6	6	7	8	9	10	10	11	0
21	5	6	5	6	7	8	8	10	11	11	0	1
22	6	7	6	7	8	9	9	10	0	0	1	1
23	7	8	7	8	8	10	10	11	0	1	2	2
24	8	9	8	9	9	10	11	0	1	2	3	3
25	8	10	8	10	10	11	0	1	2	2	4	4
26	9	10	9	10	11	0	0	2	3	3	4	5
27	10	11	10	11	0	1	1	2	4	4	5	6
28	11	0	11	0	0	2	2	3	4	5	6	6
29	0		0	1	1	2	3	4	5	6	7	7
30	1		0	2	2	3	4	5	6	6	8	8
31	1		1		3		4	6		7		9

TABLE 2 (CONTINUED) LUNAR PHASE MU PRIME

YEAR 2030

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	10	11	10	11	11	0	1	2	3	3	5	5
2	10	0	10	0	0	1	2	3	4	4	5	6
3	11	0	11	0	1	2	2	4	5	5	6	7
4	0	1	0	1	2	3	3	4	6	6	7	7
5	1	2	1	2	2	4	4	5	6	7	8	8
6	2	3	2	3	3	4	5	6	7	8	9	9
7	2	4	2	4	4	5	6	7	8	8	10	10
8	3	4	3	4	5	6	6	8	9	9	10	11
9	4	5	4	5	6	7	7	8	10	10	11	0
10	5	6	5	6	6	8	8	9	10	11	0	0
11	6	7	6	7	7	8	9	10	11	0	1	1
12	7	8	8	8	8	9	10	11	0	0	2	2
13	7	9	7	9	9	10	10	0	1	1	2	3
14	8	9	8	9	10	11	11	0	2	2	3	4
15	9	10	9	10	11	0	0	1	2	3	4	4
16	10	11	10	11	11	1	1	2	3	4	5	5
17	11	0	11	0	0	1	2	3	4	4	6	6
18	11	1	11	1	1	2	3	4	5	5	6	7
19	0	1	0	1	2	3	3	5	6	6	7	8
20	1	2	1	2	3	4	4	5	7	7	8	8
21	2	3	2	3	3	5	5	6	7	8	9	9
22	3	4	3	4	4	5	6	7	8	9	10	10
23	3	5	3	5	5	6	7	8	9	9	11	11
24	4	5	4	5	6	7	7	9	10	10	11	0
25	5	6	5	6	7	8	8	9	11	11	0	1
26	6	7	6	7	7	9	9	10	11	0	1	1
27	7	8	7	8	8	9	10	11	0	1	2	2
28	8	9	7	9	9	10	11	0	1	1	3	3
29	8		8	10	10	11	11	1	2	2	3	4
30	9		9	10	11	0	0	1	3	3	4	5
31	10		10		0		1	2		4		5

TABLE 2 (CONTINUED) LUNAR PHASE MU PRIME

YEAR 2031

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	6	7	6	7	8	9	9	11	0	0	1	2
2	7	8	7	8	9	10	10	11	1	1	2	3
3	8	9	8	9	9	11	11	0	1	2	3	3
4	9	10	9	10	10	11	0	1	2	3	4	4
5	9	11	9	11	11	0	1	2	3	3	5	5
6	10	0	10	11	0	1	1	3	4	4	5	6
7	11	0	11	0	1	2	2	3	5	5	6	7
8	0	1	0	1	1	3	3	4	5	6	7	7
9	1	2	1	2	2	3	4	5	6	7	8	8
10	2	3	2	3	3	4	5	6	7	7	9	9
11	2	4	2	4	4	5	5	7	8	8	9	10
12	3	4	3	4	5	6	6	7	9	9	10	11
13	4	5	4	5	6	7	7	8	9	10	11	11
14	5	6	5	6	6	8	8	9	10	11	0	0
15	6	7	6	7	7	8	9	10	11	11	1	1
16	6	8	6	8	8	9	10	11	0	0	2	2
17	7	8	7	8	9	10	10	0	1	1	2	3
18	8	9	8	9	10	11	11	0	2	2	3	4
19	9	10	9	10	10	0	0	1	2	3	4	4
20	10	11	10	11	11	0	1	2	3	4	5	5
21	11	0	10	0	0	1	2	3	4	4	6	6
22	11	1	11	0	1	2	2	4	5	5	6	7
23	0	1	0	1	2	3	3	4	6	6	7	8
24	1	2	1	2	2	4	4	5	6	7	8	8
25	2	3	2	3	3	4	5	6	7	8	9	9
26	3	4	3	4	4	5	6	7	8	8	10	10
27	3	5	3	5	5	6	6	8	9	9	10	11
28	4	5	4	5	6	7	7	8	10	10	11	0
29	5		5	6	7	8	8	9	10	11	0	0
30	6		6	7	7	9	9	10	11	0	1	1
31	7		7		8		10	11		1		2

TABLE 2 (CONTINUED) LUNAR PHASE NU PRIME

YEAR 2032

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	3	4	4	5	5	6	7	8	9	10	11	11
2	4	5	4	6	6	7	8	9	10	10	0	0
3	5	6	5	6	7	8	8	10	11	11	0	1
4	5	7	6	7	8	9	9	10	0	0	1	2
5	6	7	7	8	8	10	10	11	0	1	2	2
6	7	8	8	9	9	10	11	0	1	2	3	3
7	8	9	9	10	10	11	0	1	2	2	4	4
8	9	10	9	11	11	0	0	2	3	3	4	5
9	9	11	10	11	0	1	1	2	4	4	5	6
10	10	11	11	0	1	2	2	3	5	5	6	6
11	11	0	0	1	1	3	3	4	5	6	7	7
12	0	1	1	2	2	3	4	5	6	7	8	8
13	1	2	1	3	3	4	5	6	7	7	9	9
14	1	3	2	3	4	5	5	7	8	8	9	10
15	2	3	3	4	5	6	6	7	9	9	10	11
16	3	4	4	5	5	7	7	8	9	10	11	11
17	4	5	5	6	6	7	8	9	10	11	0	0
18	5	6	5	7	7	8	9	10	11	11	1	1
19	6	7	6	7	8	9	9	11	0	0	1	2
20	6	8	7	8	9	10	10	11	1	1	2	3
21	7	8	8	9	9	11	11	0	1	2	3	3
22	8	9	9	10	10	11	0	1	2	3	4	4
23	9	10	10	11	11	0	1	2	3	3	5	5
24	10	11	10	0	0	1	1	3	4	4	5	6
25	10	0	11	0	1	2	2	4	5	5	6	7
26	11	0	0	1	2	3	3	4	6	6	7	7
27	0	1	1	2	2	4	4	5	6	7	8	8
28	1	2	2	3	3	4	5	6	7	8	9	9
29	2	3	2	4	4	5	6	7	8	8	10	10
30	2		3	4	5	6	6	8	9	9	10	11
31	3		4		6		7	8		10		0

TABLE 2 (CONTINUED) LUNAR PHASE NU PRIME

YEAR 2033

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	0	2	0	1	2	3	3	5	6	6	7	8
2	1	2	1	2	3	4	4	5	7	7	8	9
3	2	3	2	3	3	5	5	6	7	8	9	9
4	3	4	3	4	4	6	6	7	8	9	10	10
5	4	5	4	5	5	6	7	8	9	9	11	11
6	4	6	4	6	6	7	8	9	10	10	11	0
7	5	6	5	6	7	8	8	10	11	11	0	1
8	6	7	6	7	8	9	9	10	0	0	1	1
9	7	8	7	8	8	10	10	11	0	1	2	2
10	8	9	8	9	9	10	11	0	1	2	3	3
11	8	10	8	10	10	11	0	1	2	2	4	4
12	9	10	9	10	11	0	0	2	3	3	4	5
13	10	11	10	11	0	1	1	2	4	4	5	6
14	11	0	11	0	0	2	2	3	4	5	6	6
15	0	1	0	1	1	2	3	4	5	6	7	7
16	1	2	0	2	2	3	4	5	6	6	8	8
17	1	3	1	2	3	4	4	6	7	7	8	9
18	2	3	2	3	4	5	5	6	8	8	9	10
19	3	4	3	4	4	6	6	7	8	9	10	10
20	4	5	4	5	5	7	7	8	9	10	11	11
21	5	6	5	6	6	7	8	9	10	10	0	0
22	5	7	5	7	7	8	9	10	11	11	0	1
23	6	7	6	7	8	9	9	11	0	0	1	2
24	7	8	7	8	9	10	10	11	1	1	2	2
25	8	9	8	9	9	11	11	0	1	2	3	3
26	9	10	9	10	10	11	0	1	2	3	4	4
27	9	11	9	11	11	0	1	2	3	3	5	5
28	10	11	10	11	0	1	1	3	4	4	5	6
29	11		11	0	1	2	2	3	5	5	6	7
30	0		0	1	1	3	3	4	5	6	7	7
31	1		1		2		4	5		7		8

TABLE 2 (CONTINUED) LUNAR PHASE MU PRIME

YEAR 2034

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	9	10	9	10	11	0	0	1	2	3	4	4
2	10	11	10	11	11	1	1	2	3	4	5	5
3	11	0	11	0	0	1	2	3	4	4	6	6
4	11	1	11	1	1	2	3	4	5	5	6	7
5	0	1	0	1	2	3	3	5	6	6	7	8
6	1	2	1	2	3	4	4	5	7	7	8	8
7	2	3	2	3	3	5	5	6	7	8	9	9
8	3	4	3	4	4	5	6	7	8	9	10	10
9	3	5	3	5	5	6	7	8	9	9	11	11
10	4	5	4	5	6	7	7	9	10	10	11	0
11	5	6	5	6	7	8	8	9	11	11	0	1
12	6	7	6	7	7	9	9	10	11	0	1	1
13	7	8	7	8	8	9	10	11	0	1	2	2
14	8	9	8	9	9	10	11	0	1	1	3	3
15	8	10	8	10	10	11	11	1	2	2	3	4
16	9	10	9	10	11	0	0	1	3	3	4	5
17	10	11	10	11	0	1	1	2	3	4	5	5
18	11	0	11	0	0	2	2	3	4	5	6	6
19	0	1	0	1	1	2	3	4	5	5	7	7
20	0	2	0	2	2	3	4	5	6	6	7	8
21	1	2	1	2	3	4	4	6	7	7	8	9
22	2	3	2	3	4	5	5	6	8	8	9	9
23	3	4	3	4	4	6	6	7	8	9	10	10
24	4	5	4	5	5	6	7	8	9	10	11	11
25	4	6	4	6	6	7	8	9	10	10	0	0
26	5	6	5	6	7	8	8	10	11	11	0	1
27	6	7	6	7	8	9	9	10	0	0	1	2
28	7	8	7	8	8	10	10	11	0	1	2	2
29	8		8	9	9	10	11	0	1	2	3	3
30	9		9	10	10	11	0	1	2	2	4	4
31	9		9		11		0	2		3		5

TABLE 2 (CONTINUED) LUNAR PHASE MU PRIME

YEAR 2035

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	6	7	6	7	7	8	9	10	11	11	1	1
2	6	8	6	8	8	9	10	11	0	0	2	2
3	7	8	7	8	9	10	10	0	1	1	2	3
4	8	9	8	9	10	11	11	0	2	2	3	4
5	9	10	9	10	10	0	0	1	2	3	4	4
6	10	11	10	11	11	0	1	2	3	4	5	5
7	11	0	10	0	0	1	2	3	4	4	6	6
8	11	1	11	0	1	2	2	4	5	5	6	7
9	0	1	0	1	2	3	3	4	6	6	7	8
10	1	2	1	2	2	4	4	5	6	7	8	8
11	2	3	2	3	3	4	5	6	7	8	9	9
12	3	4	3	4	4	5	6	7	8	8	10	10
13	3	5	3	5	5	6	6	8	9	9	10	11
14	4	5	4	5	6	7	7	8	10	10	11	0
15	5	6	5	6	7	8	8	9	10	11	0	0
16	6	7	6	7	7	9	9	10	11	0	1	1
17	7	8	7	8	8	9	10	11	0	1	2	2
18	7	9	7	9	9	10	11	0	1	1	3	3
19	8	9	8	9	10	11	11	1	2	2	3	4
20	9	10	9	10	11	0	0	1	3	3	4	5
21	10	11	10	11	11	1	1	2	3	4	5	5
22	11	0	11	0	0	1	2	3	4	5	6	6
23	0	1	11	1	1	2	3	4	5	5	7	7
24	0	2	0	1	2	3	3	5	6	6	7	8
25	1	2	1	2	3	4	4	5	7	7	8	9
26	2	3	2	3	3	5	5	6	7	8	9	9
27	3	4	3	4	4	5	6	7	8	9	10	10
28	4	5	4	5	5	6	7	8	9	9	11	11
29	4		4	6	6	7	7	9	10	10	11	0
30	5		5	6	7	8	8	9	11	11	0	1
31	6		6		8		9	10		0		1

TABLE 2 (CONTINUED) LUNAR PHASE NU PRIME

YEAR 2036

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	2	3	3	4	5	6	6	7	9	9	10	11
2	3	4	4	5	5	7	7	8	9	10	11	11
3	4	5	5	6	6	7	8	9	10	11	0	0
4	5	6	5	7	7	8	9	10	11	11	1	1
5	6	7	6	7	8	9	9	11	0	0	1	2
6	6	8	7	8	9	10	10	11	1	1	2	3
7	7	8	8	9	9	11	11	0	1	2	3	3
8	8	9	9	10	10	11	0	1	2	3	4	4
9	9	10	10	11	11	0	1	2	3	3	5	5
10	10	11	10	0	0	1	1	3	4	4	5	6
11	10	0	11	0	1	2	2	4	5	5	6	7
12	11	0	0	1	2	3	3	4	6	6	7	7
13	0	1	1	2	2	4	4	5	6	7	8	8
14	1	2	2	3	3	4	5	6	7	8	9	9
15	2	3	2	4	4	5	6	7	8	8	10	10
16	2	4	3	4	5	6	6	8	9	9	10	11
17	3	4	4	5	6	7	7	8	10	10	11	0
18	4	5	5	6	6	8	8	9	10	11	0	0
19	5	6	6	7	7	8	9	10	11	0	1	1
20	6	7	6	8	8	9	10	11	0	0	2	2
21	7	8	7	8	9	10	10	0	1	1	2	3
22	7	9	8	9	10	11	11	0	2	2	3	4
23	8	9	9	10	10	0	0	1	2	3	4	4
24	9	10	10	11	11	0	1	2	3	4	5	5
25	10	11	11	0	0	1	2	3	4	4	6	6
26	11	0	11	1	1	2	3	4	5	5	6	7
27	11	1	0	1	2	3	3	5	6	6	7	8
28	0	1	1	2	3	4	4	5	7	7	8	8
29	1	2	2	3	3	5	5	6	7	8	9	9
30	2		3	4	4	5	6	7	8	9	10	10
31	3		3		5		7	8		9		11

TABLE 2 (CONTINUED) LUNAR PHASE NU PRIME

YEAR 2037

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	0	1	0	1	1	2	3	4	5	6	7	7
2	1	2	0	2	2	3	4	5	6	6	8	8
3	1	3	1	2	3	4	4	6	7	7	8	9
4	2	3	2	3	4	5	5	6	8	8	9	10
5	3	4	3	4	4	6	6	7	8	9	10	10
6	4	5	4	5	5	7	7	8	9	10	11	11
7	5	6	5	6	6	7	8	9	10	10	0	0
8	5	7	5	7	7	8	9	10	11	11	0	1
9	6	7	6	7	8	9	9	11	0	0	1	2
10	7	8	7	8	9	10	10	11	1	1	2	2
11	8	9	8	9	9	11	11	0	1	2	3	3
12	9	10	9	10	10	11	0	1	2	3	4	4
13	9	11	9	11	11	0	1	2	3	3	5	5
14	10	11	10	11	0	1	1	3	4	4	5	6
15	11	0	11	0	1	2	2	3	5	5	6	7
16	0	1	0	1	1	3	3	4	5	6	7	7
17	1	2	1	2	2	3	4	5	6	7	8	8
18	2	3	1	3	3	4	5	6	7	7	9	9
19	2	4	2	3	4	5	5	7	8	8	9	10
20	3	4	3	4	5	6	6	7	9	9	10	11
21	4	5	4	5	6	7	7	8	9	10	11	11
22	5	6	5	6	6	8	8	9	10	11	0	0
23	6	7	6	7	7	8	9	10	11	11	1	1
24	6	8	6	8	8	9	10	11	0	0	1	2
25	7	8	7	8	9	10	10	0	1	1	2	3
26	8	9	8	9	10	11	11	0	2	2	3	3
27	9	10	9	10	10	0	0	1	2	3	4	4
28	10	11	10	11	11	0	1	2	3	4	5	5
29	10		10	0	0	1	2	3	4	4	6	6
30	11		11	0	1	2	2	4	5	5	6	7
31	0		0		2		3	4		6		8

TABLE 2 (CONTINUED) LUNAR PHASE NU PRIME

YEAR 2038

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	8	10	8	10	10	11	11	1	2	2	3	4
2	9	10	9	10	11	0	0	1	3	3	4	5
3	10	11	10	11	0	1	1	2	3	4	5	5
4	11	0	11	0	0	2	2	3	4	5	6	6
5	0	1	0	1	1	2	3	4	5	5	7	7
6	0	2	0	2	2	3	4	5	6	6	7	8
7	1	2	1	2	3	4	4	6	7	7	8	9
8	2	3	2	3	4	5	5	6	8	8	9	10
9	3	4	3	4	4	6	6	7	8	9	10	10
10	4	5	4	5	5	6	7	8	9	10	11	11
11	4	6	4	6	6	7	8	9	10	10	0	0
12	5	6	5	6	7	8	8	10	11	11	0	1
13	6	7	6	7	8	9	9	10	0	0	1	2
14	7	8	7	8	8	10	10	11	0	1	2	2
15	8	9	8	9	9	10	11	0	1	2	3	3
16	9	10	9	10	10	11	0	1	2	2	4	4
17	9	11	9	11	11	0	0	2	3	3	4	5
18	10	11	10	11	0	1	1	2	4	4	5	6
19	11	0	11	0	1	2	2	3	4	5	6	6
20	0	1	0	1	1	3	3	4	5	6	7	7
21	1	2	1	2	2	3	4	5	6	6	8	8
22	1	3	1	3	3	4	5	6	7	7	8	9
23	2	3	2	3	4	5	5	7	8	8	9	10
24	3	4	3	4	5	6	6	7	9	9	10	11
25	4	5	4	5	5	7	7	8	9	10	11	11
26	5	6	5	6	6	7	8	9	10	11	0	0
27	5	7	5	7	7	8	9	10	11	11	1	1
28	6	8	6	7	8	9	9	11	0	0	1	2
29	7		7	8	9	10	10	11	1	1	2	3
30	8		8	9	9	11	11	0	1	2	3	3
31	9		9		10		0	1		3		4

TABLE 2 (CONTINUED) LUNAR PHASE NU PRIME

YEAR 2039

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	5	6	5	6	7	8	8	9	10	11	0	0
2	6	7	6	7	7	9	9	10	11	0	1	1
3	7	8	7	8	8	9	10	11	0	1	2	2
4	7	9	7	9	9	10	11	0	1	1	3	3
5	8	9	8	9	10	11	11	1	2	2	3	4
6	9	10	9	10	11	0	0	1	3	3	4	5
7	10	11	10	11	11	1	1	2	3	4	5	5
8	11	0	11	0	0	1	2	3	4	5	6	6
9	0	1	11	1	1	2	3	4	5	5	7	7
10	0	2	0	1	2	3	3	5	6	6	7	8
11	1	2	1	2	3	4	4	5	7	7	8	9
12	2	3	2	3	3	5	5	6	7	8	9	9
13	3	4	3	4	4	5	6	7	8	9	10	10
14	4	5	4	5	5	6	7	8	9	9	11	11
15	4	6	4	6	6	7	7	9	10	10	11	0
16	5	6	5	6	7	8	8	9	11	11	0	1
17	6	7	6	7	8	9	9	10	11	0	1	1
18	7	8	7	8	8	10	10	11	0	1	2	2
19	8	9	8	9	9	10	11	0	1	2	3	3
20	8	10	8	10	10	11	0	1	2	2	4	4
21	9	10	9	10	11	0	0	2	3	3	4	5
22	10	11	10	11	0	1	1	2	4	4	5	6
23	11	0	11	0	0	2	2	3	4	5	6	6
24	0	1	0	1	1	2	3	4	5	6	7	7
25	1	2	0	2	2	3	4	5	6	6	8	8
26	1	3	1	2	3	4	4	6	7	7	8	9
27	2	3	2	3	4	5	5	6	8	8	9	10
28	3	4	3	4	4	6	6	7	8	9	10	10
29	4		4	5	5	6	7	8	9	10	11	11
30	5		5	6	6	7	8	9	10	10	0	0
31	5		5		7		8	10		11		1

TABLE 2 (CONTINUED) LUNAR PHASE NU PRIME

YEAR 2040

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	2	3	2	4	4	5	6	7	8	8	10	10
2	2	4	3	4	5	6	6	8	9	9	10	11
3	3	4	4	5	6	7	7	8	10	10	11	0
4	4	5	5	6	6	8	8	9	10	11	0	0
5	5	6	6	7	7	8	9	10	11	0	1	1
6	6	7	6	8	8	9	10	11	0	0	2	2
7	7	8	7	8	9	10	10	0	1	1	2	3
8	7	9	8	9	10	11	11	0	2	2	3	4
9	8	9	9	10	10	0	0	1	2	3	4	4
10	9	10	10	11	11	0	1	2	3	4	5	5
11	10	11	11	0	0	1	2	3	4	4	6	6
12	11	0	11	1	1	2	3	4	5	5	6	7
13	11	1	0	1	2	3	3	5	6	6	7	8
14	0	1	1	2	3	4	4	5	7	7	8	8
15	1	2	2	3	3	5	5	6	7	8	9	9
16	2	3	3	4	4	5	6	7	8	9	10	10
17	3	4	3	5	5	6	7	8	9	9	11	11
18	3	5	4	5	6	7	7	9	10	10	11	0
19	4	5	5	6	7	8	8	9	11	11	0	1
20	5	6	6	7	7	9	9	10	11	0	1	1
21	6	7	7	8	8	9	10	11	0	1	2	2
22	7	8	7	9	9	10	11	0	1	1	3	3
23	8	9	8	9	10	11	11	1	2	2	3	4
24	8	10	9	10	11	0	0	1	3	3	4	5
25	9	10	10	11	11	1	1	2	3	4	5	5
26	10	11	11	0	0	1	2	3	4	5	6	6
27	11	0	0	1	1	2	3	4	5	5	7	7
28	0	1	0	2	2	3	4	5	6	6	7	8
29	0	2	1	2	3	4	4	6	7	7	8	9
30	1		2	3	4	5	5	6	8	8	9	9
31	2		3		4		6	7		9		10

TABLE 2 (CONTINUED) LUNAR PHASE NU PRIME

YEAR 2041

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	11	0	11	0	1	2	2	3	5	5	6	7
2	0	1	0	1	1	3	3	4	5	6	7	7
3	1	2	1	2	2	3	4	5	6	7	8	8
4	2	3	1	3	3	4	5	6	7	7	9	9
5	2	4	2	3	4	5	5	7	8	8	9	10
6	3	4	3	4	5	6	6	7	9	9	10	11
7	4	5	4	5	6	7	7	8	9	10	11	11
8	5	6	5	6	6	8	8	9	10	11	0	0
9	6	7	6	7	7	8	9	10	11	11	1	1
10	6	8	6	8	8	9	10	11	0	0	1	2
11	7	8	7	8	9	10	10	0	1	1	2	3
12	8	9	8	9	10	11	11	0	2	2	3	3
13	9	10	9	10	10	0	0	1	2	3	4	4
14	10	11	10	11	11	0	1	2	3	4	5	5
15	10	0	10	0	0	1	2	3	4	4	6	6
16	11	0	11	0	1	2	2	4	5	5	6	7
17	0	1	0	1	2	3	3	4	6	6	7	8
18	1	2	1	2	2	4	4	5	6	7	8	8
19	2	3	2	3	3	4	5	6	7	8	9	9
20	3	4	2	4	4	5	6	7	8	8	10	10
21	3	5	3	5	5	6	6	8	9	9	10	11
22	4	5	4	5	6	7	7	8	10	10	11	0
23	5	6	5	6	7	8	8	9	10	11	0	0
24	6	7	6	7	7	9	9	10	11	0	1	1
25	7	8	7	8	8	9	10	11	0	0	2	2
26	7	9	7	9	9	10	11	0	1	1	2	3
27	8	9	8	9	10	11	11	1	2	2	3	4
28	9	10	9	10	11	0	0	1	3	3	4	4
29	10		10	11	11	1	1	2	3	4	5	5
30	11		11	0	0	1	2	3	4	5	6	6
31	11		11		1		3	4		5		7

TABLE 2 (CONTINUED) LUNAR PHASE NU PRIME

YEAR 2042

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	8	9	8	9	9	10	11	0	1	2	3	3
2	9	10	9	10	10	11	0	1	2	2	4	4
3	9	11	9	11	11	0	0	2	3	3	4	5
4	10	11	10	11	0	1	1	2	4	4	5	6
5	11	0	11	0	1	2	2	3	4	5	6	6
6	0	1	0	1	1	3	3	4	5	6	7	7
7	1	2	1	2	2	3	4	5	6	6	8	8
8	1	3	1	3	3	4	5	6	7	7	8	9
9	2	3	2	3	4	5	5	7	8	8	9	10
10	3	4	3	4	5	6	6	7	9	9	10	11
11	4	5	4	5	5	7	7	8	9	10	11	11
12	5	6	5	6	6	7	8	9	10	11	0	0
13	5	7	5	7	7	8	9	10	11	11	1	1
14	6	8	6	7	8	9	9	11	0	0	1	2
15	7	8	7	8	9	10	10	11	1	1	2	3
16	8	9	8	9	9	11	11	0	1	2	3	3
17	9	10	9	10	10	11	0	1	2	3	4	4
18	10	11	10	11	11	0	1	2	3	3	5	5
19	10	0	10	0	0	1	1	3	4	4	5	6
20	11	0	11	0	1	2	2	3	5	5	6	7
21	0	1	0	1	2	3	3	4	5	6	7	7
22	1	2	1	2	2	4	4	5	6	7	8	8
23	2	3	2	3	3	4	5	6	7	7	9	9
24	2	4	2	4	4	5	6	7	8	8	10	10
25	3	4	3	4	5	6	6	8	9	9	10	11
26	4	5	4	5	6	7	7	8	10	10	11	0
27	5	6	5	6	6	8	8	9	10	11	0	0
28	6	7	6	7	7	8	9	10	11	0	1	1
29	6		6	8	8	9	10	11	0	0	2	2
30	7		7	8	9	10	10	0	1	1	2	3
31	8		8		10		11	0		2		4

TABLE 2 (CONTINUED) LUNAR PHASE NU PRIME

YEAR 2043

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	4	6	4	6	6	7	7	9	10	10	11	0
2	5	6	5	6	7	8	8	9	11	11	0	1
3	6	7	6	7	8	9	9	10	0	0	1	1
4	7	8	7	8	8	10	10	11	0	1	2	2
5	8	9	8	9	9	10	11	0	1	2	3	3
6	8	10	8	10	10	11	0	1	2	2	4	4
7	9	10	9	10	11	0	0	2	3	3	4	5
8	10	11	10	11	0	1	1	2	4	4	5	6
9	11	0	11	0	0	2	2	3	4	5	6	6
10	0	1	0	1	1	2	3	4	5	6	7	7
11	1	2	0	2	2	3	4	5	6	6	8	8
12	1	3	1	2	3	4	4	6	7	7	8	9
13	2	3	2	3	4	5	5	6	8	8	9	10
14	3	4	3	4	4	6	6	7	8	9	10	10
15	4	5	4	5	5	6	7	8	9	10	11	11
16	5	6	5	6	6	7	8	9	10	10	0	0
17	5	7	5	7	7	8	8	10	11	11	0	1
18	6	7	6	7	8	9	9	10	0	0	1	2
19	7	8	7	8	9	10	10	11	1	1	2	2
20	8	9	8	9	9	11	11	0	1	2	3	3
21	9	10	9	10	10	11	0	1	2	3	4	4
22	9	11	9	11	11	0	1	2	3	3	5	5
23	10	11	10	11	0	1	1	3	4	4	5	6
24	11	0	11	0	1	2	2	3	5	5	6	7
25	0	1	0	1	1	3	3	4	5	6	7	7
26	1	2	1	2	2	3	4	5	6	7	8	8
27	2	3	1	3	3	4	5	6	7	7	9	9
28	2	4	2	3	4	5	5	7	8	8	9	10
29	3		3	4	5	6	6	7	9	9	10	11
30	4		4	5	5	7	7	8	9	10	11	11
31	5		5		6		8	9		11		0

TABLE 2 (CONTINUED) LUNAR PHASE NU PRIME

YEAR 2044

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	1	2	2	3	3	5	5	6	7	8	9	9
2	2	3	3	4	4	5	6	7	8	9	10	10
3	3	4	3	5	5	6	7	8	9	9	11	11
4	3	5	4	5	6	7	7	9	10	10	11	0
5	4	5	5	6	7	8	8	9	11	11	0	1
6	5	6	6	7	7	9	9	10	11	0	1	1
7	6	7	7	8	8	9	10	11	0	1	2	2
8	7	8	7	9	9	10	11	0	1	1	3	3
9	8	9	8	9	10	11	11	1	2	2	3	4
10	8	10	9	10	11	0	0	1	3	3	4	5
11	9	10	10	11	11	1	1	2	3	4	5	5
12	10	11	11	0	0	1	2	3	4	5	6	6
13	11	0	0	1	1	2	3	4	5	5	7	7
14	0	1	0	2	2	3	4	5	6	6	7	8
15	0	2	1	2	3	4	4	6	7	7	8	9
16	1	2	2	3	4	5	5	6	8	8	9	9
17	2	3	3	4	4	6	6	7	8	9	10	10
18	3	4	4	5	5	6	7	8	9	10	11	11
19	4	5	4	6	6	7	8	9	10	10	0	0
20	4	6	5	6	7	8	8	10	11	11	0	1
21	5	6	6	7	8	9	9	10	0	0	1	2
22	6	7	7	8	8	10	10	11	0	1	2	2
23	7	8	8	9	9	10	11	0	1	2	3	3
24	8	9	8	10	10	11	0	1	2	2	4	4
25	9	10	9	10	11	0	0	2	3	3	4	5
26	9	11	10	11	0	1	1	2	4	4	5	6
27	10	11	11	0	0	2	2	3	4	5	6	6
28	11	0	0	1	1	3	3	4	5	6	7	7
29	0	1	1	2	2	3	4	5	6	6	8	8
30	1		1	3	3	4	5	6	7	7	8	9
31	1		2		4		5	7		8		10

TABLE 2 (CONTINUED) LUNAR PHASE NU PRIME

YEAR 2045

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	10	0	10	0	0	1	2	3	4	4	6	6
2	11	0	11	0	1	2	2	4	5	5	6	7
3	0	1	0	1	2	3	3	4	6	6	7	8
4	1	2	1	2	2	4	4	5	6	7	8	8
5	2	3	2	3	3	4	5	6	7	8	9	9
6	3	4	2	4	4	5	6	7	8	8	10	10
7	3	5	3	5	5	6	6	8	9	9	10	11
8	4	5	4	5	6	7	7	8	10	10	11	0
9	5	6	5	6	7	8	8	9	10	11	0	0
10	6	7	6	7	7	9	9	10	11	0	1	1
11	7	8	7	8	8	9	10	11	0	0	2	2
12	7	9	7	9	9	10	11	0	1	1	2	3
13	8	9	8	9	10	11	11	1	2	2	3	4
14	9	10	9	10	11	0	0	1	3	3	4	4
15	10	11	10	11	11	1	1	2	3	4	5	5
16	11	0	11	0	0	1	2	3	4	5	6	6
17	11	1	11	1	1	2	3	4	5	5	7	7
18	0	1	0	1	2	3	3	5	6	6	7	8
19	1	2	1	2	3	4	4	5	7	7	8	9
20	2	3	2	3	3	5	5	6	7	8	9	9
21	3	4	3	4	4	5	6	7	8	9	10	10
22	4	5	3	5	5	6	7	8	9	9	11	11
23	4	6	4	6	6	7	7	9	10	10	11	0
24	5	6	5	6	7	8	8	9	11	11	0	1
25	6	7	6	7	8	9	9	10	11	0	1	1
26	7	8	7	8	8	10	10	11	0	1	2	2
27	8	9	8	9	9	10	11	0	1	1	3	3
28	8	10	8	10	10	11	0	1	2	2	3	4
29	9		9	10	11	0	0	2	3	3	4	5
30	10		10	11	0	1	1	2	4	4	5	5
31	11		11		0		2	3		5		6

TABLE 2 (CONTINUED) LUNAR PHASE NU PRIME

YEAR 2046

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	7	8	7	8	9	10	10	11	1	1	2	3
2	8	9	8	9	9	11	11	0	1	2	3	3
3	9	10	9	10	10	11	0	1	2	3	4	4
4	10	11	10	11	11	0	1	2	3	3	5	5
5	10	0	10	0	0	1	1	3	4	4	5	6
6	11	0	11	0	1	2	2	3	5	5	6	7
7	0	1	0	1	2	3	3	4	5	6	7	7
8	1	2	1	2	2	4	4	5	6	7	8	8
9	2	3	2	3	3	4	5	6	7	7	9	9
10	2	4	2	4	4	5	6	7	8	8	10	10
11	3	4	3	4	5	6	6	8	9	9	10	11
12	4	5	4	5	6	7	7	8	10	10	11	0
13	5	6	5	6	6	8	8	9	10	11	0	0
14	6	7	6	7	7	8	9	10	11	0	1	1
15	7	8	6	8	8	9	10	11	0	0	2	2
16	7	9	7	8	9	10	10	0	1	1	2	3
17	8	9	8	9	10	11	11	0	2	2	3	4
18	9	10	9	10	10	0	0	1	2	3	4	4
19	10	11	10	11	11	0	1	2	3	4	5	5
20	11	0	11	0	0	1	2	3	4	4	6	6
21	11	1	11	1	1	2	2	4	5	5	6	7
22	0	1	0	1	2	3	3	4	6	6	7	8
23	1	2	1	2	3	4	4	5	6	7	8	8
24	2	3	2	3	3	5	5	6	7	8	9	9
25	3	4	3	4	4	5	6	7	8	8	10	10
26	3	5	3	5	5	6	7	8	9	9	11	11
27	4	5	4	5	6	7	7	9	10	10	11	0
28	5	6	5	6	7	8	8	9	11	11	0	1
29	6		6	7	7	9	9	10	11	0	1	1
30	7		7	8	8	9	10	11	0	1	2	2
31	8		7		9		11	0		1		3

TABLE 2 (CONTINUED) LUNAR PHASE NU PRIME

YEAR 2047

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	4	5	4	5	5	6	7	8	9	10	11	11
2	5	6	5	6	6	7	8	9	10	10	0	0
3	5	7	5	7	7	8	8	10	11	11	0	1
4	6	7	6	7	8	9	9	10	0	0	1	2
5	7	8	7	8	9	10	10	11	1	1	2	2
6	8	9	8	9	9	11	11	0	1	2	3	3
7	9	10	9	10	10	11	0	1	2	3	4	4
8	9	11	9	11	11	0	1	2	3	3	5	5
9	10	11	10	11	0	1	1	3	4	4	5	6
10	11	0	11	0	1	2	2	3	5	5	6	7
11	0	1	0	1	1	3	3	4	5	6	7	7
12	1	2	1	2	2	3	4	5	6	7	8	8
13	2	3	1	3	3	4	5	6	7	7	9	9
14	2	4	2	3	4	5	5	7	8	8	9	10
15	3	4	3	4	5	6	6	7	9	9	10	11
16	4	5	4	5	5	7	7	8	9	10	11	11
17	5	6	5	6	6	7	8	9	10	11	0	0
18	6	7	6	7	7	8	9	10	11	11	1	1
19	6	8	6	8	8	9	9	11	0	0	1	2
20	7	8	7	8	9	10	10	0	1	1	2	3
21	8	9	8	9	10	11	11	0	2	2	3	3
22	9	10	9	10	10	0	0	1	2	3	4	4
23	10	11	10	11	11	0	1	2	3	4	5	5
24	10	0	10	0	0	1	2	3	4	4	6	6
25	11	0	11	0	1	2	2	4	5	5	6	7
26	0	1	0	1	2	3	3	4	6	6	7	8
27	1	2	1	2	2	4	4	5	6	7	8	8
28	2	3	2	3	3	4	5	6	7	8	9	9
29	3		2	4	4	5	6	7	8	8	10	10
30	3		3	4	5	6	6	8	9	9	10	11
31	4		4		6		7	8		10		0

TABLE 2 (CONTINUED) LUNAR PHASE NU PRIME

YEAR 2048

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	0	2	1	2	3	4	4	6	7	7	8	9
2	1	2	2	3	4	5	5	6	8	8	9	9
3	2	3	3	4	4	6	6	7	8	9	10	10
4	3	4	4	5	5	6	7	8	9	10	11	11
5	4	5	4	6	6	7	8	9	10	10	0	0
6	4	6	5	6	7	8	8	10	11	11	0	1
7	5	6	6	7	8	9	9	10	0	0	1	2
8	6	7	7	8	8	10	10	11	0	1	2	2
9	7	8	8	9	9	10	11	0	1	2	3	3
10	8	9	8	10	10	11	0	1	2	2	4	4
11	9	10	9	10	11	0	0	2	3	3	4	5
12	9	11	10	11	0	1	1	2	4	4	5	6
13	10	11	11	0	0	2	2	3	4	5	6	6
14	11	0	0	1	1	3	3	4	5	6	7	7
15	0	1	1	2	2	3	4	5	6	6	8	8
16	1	2	1	3	3	4	5	6	7	7	8	9
17	1	3	2	3	4	5	5	7	8	8	9	10
18	2	3	3	4	5	6	6	7	9	9	10	10
19	3	4	4	5	5	7	7	8	9	10	11	11
20	4	5	5	6	6	7	8	9	10	11	0	0
21	5	6	5	7	7	8	9	10	11	11	1	1
22	5	7	6	7	8	9	9	11	0	0	1	2
23	6	7	7	8	9	10	10	11	1	1	2	3
24	7	8	8	9	9	11	11	0	1	2	3	3
25	8	9	9	10	10	11	0	1	2	3	4	4
26	9	10	9	11	11	0	1	2	3	3	5	5
27	10	11	10	11	0	1	1	3	4	4	5	6
28	10	0	11	0	1	2	2	3	5	5	6	7
29	11	0	0	1	1	3	3	4	5	6	7	7
30	0		1	2	2	4	4	5	6	7	8	8
31	1		2		3		5	6		7		9

TABLE 2 (CONTINUED) LUNAR PHASE NU PRIME

YEAR 2049

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	10	11	10	11	11	1	1	2	3	4	5	5
2	11	0	11	0	0	1	2	3	4	5	6	6
3	11	1	11	1	1	2	3	4	5	5	7	7
4	0	1	0	1	2	3	3	5	6	6	7	8
5	1	2	1	2	3	4	4	5	7	7	8	9
6	2	3	2	3	3	5	5	6	7	8	9	9
7	3	4	3	4	4	5	6	7	8	9	10	10
8	4	5	3	5	5	6	7	8	9	9	11	11
9	4	6	4	6	6	7	7	9	10	10	11	0
10	5	6	5	6	7	8	8	9	11	11	0	1
11	6	7	6	7	8	9	9	10	11	0	1	1
12	7	8	7	8	8	10	10	11	0	1	2	2
13	8	9	8	9	9	10	11	0	1	1	3	3
14	8	10	8	10	10	11	0	1	2	2	3	4
15	9	10	9	10	11	0	0	2	3	3	4	5
16	10	11	10	11	0	1	1	2	4	4	5	5
17	11	0	11	0	0	2	2	3	4	5	6	6
18	0	1	0	1	1	2	3	4	5	6	7	7
19	0	2	0	2	2	3	4	5	6	6	8	8
20	1	2	1	2	3	4	4	6	7	7	8	9
21	2	3	2	3	4	5	5	6	8	8	9	10
22	3	4	3	4	4	6	6	7	8	9	10	10
23	4	5	4	5	5	6	7	8	9	10	11	11
24	5	6	5	6	6	7	8	9	10	10	0	0
25	5	7	5	7	7	8	8	10	11	11	0	1
26	6	7	6	7	8	9	9	10	0	0	1	2
27	7	8	7	8	9	10	10	11	0	1	2	2
28	8	9	8	9	9	11	11	0	1	2	3	3
29	9		9	10	10	11	0	1	2	2	4	4
30	9		9	11	11	0	1	2	3	3	4	5
31	10		10		0		1	3		4		6

TABLE 2 (CONTINUED) LUNAR PHASE MU PRIME

YEAR 2090

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	7	8	6	8	8	9	10	11	0	0	2	2
2	7	9	7	8	9	10	10	0	1	1	2	3
3	8	9	8	9	10	11	11	0	2	2	3	4
4	9	10	9	10	10	0	0	1	2	3	4	4
5	10	11	10	11	11	0	1	2	3	4	5	5
6	11	0	11	0	0	1	2	3	4	4	6	6
7	11	1	11	1	1	2	2	4	5	5	6	7
8	0	1	0	1	2	3	3	4	6	6	7	8
9	1	2	1	2	3	4	4	5	6	7	8	8
10	2	3	2	3	3	5	5	6	7	8	9	9
11	3	4	3	4	4	5	6	7	8	8	10	10
12	3	5	3	5	5	6	7	8	9	9	11	11
13	4	5	4	5	6	7	7	2	10	10	11	0
14	5	6	5	6	7	8	8	9	11	11	0	1
15	6	7	6	7	7	9	9	10	11	0	1	1
16	7	8	7	8	8	9	10	11	0	1	2	2
17	8	9	7	9	9	10	11	0	1	1	3	3
18	8	10	8	9	10	11	11	1	2	2	3	4
19	9	10	9	10	11	0	0	1	3	3	4	5
20	10	11	10	11	11	1	1	2	3	4	5	5
21	11	0	11	0	0	1	2	3	4	5	6	6
22	0	1	0	1	1	2	3	4	5	5	7	7
23	0	2	0	2	2	3	3	5	6	6	7	8
24	1	2	1	2	3	4	4	5	7	7	8	9
25	2	3	2	3	4	5	5	6	7	8	9	9
26	3	4	3	4	4	6	6	7	8	9	10	10
27	4	5	4	5	5	6	7	8	9	10	11	11
28	4	6	4	6	6	7	8	9	10	10	0	0
29	5		5	6	7	8	8	10	11	11	0	1
30	6		6	7	8	9	9	10	0	0	1	2
31	7		7		8		10	11		1		2

TABLE 3 DATES OF NEW MOON (YEAR MONTH/DAY)

1850	1/13	2/11	3/13	4/11	5/11	6/10	7/9	8/8	9/6	10/6	11/4	12/4	
1851	1/2	2/1	3/2	4/1	4/30	5/30	6/28	7/28	8/26	9/25	10/25	11/23	12/23
1852	1/21	2/20	3/20	4/19	5/18	6/17	7/16	8/15	9/13	10/13	11/11	12/11	
1853	1/9	2/8	3/10	4/8	5/8	6/6	7/6	8/4	9/3	10/2	11/1	11/30	12/30
1854	1/28	2/27	3/28	4/27	5/27	6/25	7/25	8/23	9/22	10/21	11/20	12/19	
1855	1/18	2/16	3/18	4/16	5/16	6/14	7/14	8/12	9/11	10/11	11/9	12/9	
1856	1/7	2/6	3/6	4/5	5/4	6/3	7/2	8/1	8/30	9/29	10/28	11/27	12/26
1857	1/25	2/24	3/25	4/24	5/23	6/22	7/21	8/20	9/18	10/18	11/16	12/16	
1858	1/14	2/13	3/14	4/13	5/13	6/11	7/11	8/9	9/8	10/7	11/6	12/5	
1859	1/4	2/2	3/4	4/2	5/2	5/31	6/30	7/29	8/28	9/27	10/26	11/25	12/24
1860	1/23	2/21	3/22	4/20	5/20	6/18	7/18	8/16	9/15	10/14	11/13	12/12	
1861	1/11	2/10	3/11	4/10	5/9	6/8	7/7	8/6	9/4	10/4	11/2	12/2	12/31
1862	1/30	2/28	3/30	4/27	5/28	6/27	7/26	8/25	9/23	10/23	11/21	12/21	
1863	1/19	2/18	3/19	4/18	5/17	6/16	7/15	8/14	9/13	10/12	11/11	12/10	
1864	1/7	2/7	3/8	4/6	5/6	6/4	7/4	8/2	9/1	9/30	10/30	11/28	12/28
1865	1/27	2/25	3/27	4/25	5/25	6/23	7/23	8/21	9/20	10/19	11/18	12/17	
1866	1/16	2/14	3/16	4/15	5/14	6/13	7/12	8/11	9/9	10/9	11/7	12/7	
1867	1/5	2/4	3/5	4/4	5/3	6/2	7/1	7/31	8/30	9/28	10/28	11/26	12/26
1868	1/24	2/23	3/23	4/22	5/21	6/20	7/19	8/18	9/16	10/16	11/14	12/14	
1869	1/13	2/11	3/13	4/11	5/11	6/9	7/9	8/7	9/6	10/5	11/4	12/3	
1870	1/2	1/31	3/2	4/1	4/30	5/30	6/28	7/28	8/26	9/25	10/24	11/23	12/22
1871	1/21	2/19	3/21	4/19	5/19	6/17	7/17	8/16	9/14	10/14	11/12	12/12	
1872	1/10	2/9	3/9	4/8	5/7	6/6	7/5	8/4	9/2	10/2	10/31	11/30	12/30
1873	1/28	2/27	3/28	4/27	5/26	6/25	7/24	8/23	9/21	10/21	11/19	12/19	
1874	1/17	2/16	3/18	4/16	5/16	6/14	7/14	8/12	9/11	10/10	11/9	12/8	
1875	1/7	2/5	3/7	4/5	5/5	6/3	7/3	8/2	8/31	9/30	10/29	11/28	12/27

(YEAR)

1876	1/26	2/24	3/25	4/23	5/23	6/21	7/21	8/19	9/18	10/17	11/16	12/16
1877	1/14	2/13	3/14	4/13	5/12	6/11	7/10	8/ 9	9/ 7	10/ 7	11/ 5	12/ 5
1878	1/ 3	2/ 2	3/ 4	4/ 2	5/ 2	5/31	6/30	7/29	8/28	9/26	10/26	11/24 12/24
1879	1/22	2/21	3/22	4/21	5/20	6/19	7/19	8/17	9/16	10/15	11/14	12/13
1880	1/12	2/10	3/11	4/ 9	5/ 9	6/ 7	7/ 7	8/ 5	9/ 4	10/ 3	11/ 2	12/ 2 12/31
1881	1/30	2/28	3/30	4/28	5/28	6/26	7/26	8/24	9/23	10/22	11/21	12/20
1882	1/19	2/17	3/19	4/18	5/17	6/16	7/15	8/14	9/12	10/12	11/10	12/10
1883	1/ 8	2/ 7	3/ 8	4/ 7	5/ 6	6/ 5	7/ 5	8/ 3	9/ 2	10/ 1	10/31	11/29 12/29
1884	1/27	2/26	3/26	4/25	5/24	6/23	7/22	8/21	9/19	10/19	11/18	12/17
1885	1/16	2/14	3/16	4/14	5/14	6/12	7/12	8/10	9/ 9	10/ 8	11/ 7	12/ 6
1886	1/ 5	2/ 3	3/ 5	4/ 4	5/ 3	6/ 2	7/ 1	7/31	8/29	9/28	10/27	11/26 12/25
1887	1/24	2/22	3/24	4/22	5/22	6/21	7/20	8/19	9/17	10/17	11/15	12/15
1888	1/13	2/12	3/12	4/11	5/10	6/ 9	7/ 8	8/ 7	9/ 5	10/ 5	11/ 4	12/ 3
1889	1/ 2	1/31	3/ 2	3/31	4/30	5/29	6/28	7/27	8/26	9/24	10/24	11/22 12/22
1890	1/20	2/19	3/21	4/19	5/19	6/17	7/17	8/15	9/14	10/13	11/12	12/11
1891	1/10	2/ 8	3/10	4/ 8	5/ 8	6/ 7	7/ 6	8/ 5	9/ 3	10/ 3	11/ 1	12/ 1 12/30
1892	1/29	2/27	3/28	4/26	5/26	6/24	7/24	8/22	9/21	10/21	11/19	12/19
1893	1/17	2/16	3/17	4/16	5/15	6/14	7/13	8/12	9/10	10/10	11/ 8	12/ 8
1894	1/ 6	2/ 5	3/ 7	4/ 5	5/ 5	6/ 3	7/ 3	8/ 1	8/31	9/29	10/29	11/27 12/27
1895	1/25	2/24	3/25	4/24	5/24	6/22	7/22	8/20	9/19	10/18	11/17	12/16
1896	1/15	2/13	3/14	4/12	5/12	6/10	7/10	8/ 8	9/ 7	10/ 7	11/ 5	12/ 5
1897	1/ 3	2/ 2	3/ 3	4/ 2	5/ 1	5/31	6/29	7/29	8/27	9/26	10/25	11/24 12/23
1898	1/22	2/21	3/22	4/21	5/20	6/19	7/18	8/17	9/15	10/15	11/13	12/13
1899	1/11	2/10	3/11	4/10	5/10	6/ 8	7/ 8	8/ 6	9/ 5	10/ 4	11/ 3	12/ 2
1900	1/ 1	1/30	3/ 1	3/30	4/29	5/28	6/27	7/26	8/25	9/24	10/23	11/22 12/21

TABLE 3 (CONTINUED) DATES OF NEW MOON (YEAR MONTH/DAY)

1901	1/20	2/18	3/20	4/18	5/18	6/16	7/16	8/14	9/13	10/12	11/11	12/10
1902	1/9	2/8	3/9	4/8	5/7	6/6	7/5	8/4	9/2	10/2	10/31	11/30
1903	1/28	2/26	3/28	4/27	5/26	6/25	7/24	8/23	9/21	10/21	11/19	12/19
1904	1/17	2/16	3/16	4/15	5/14	6/13	7/12	8/11	9/10	10/9	11/8	12/7
1905	1/6	2/4	3/6	4/4	5/4	6/2	7/2	7/31	8/30	9/28	10/28	11/26
1906	1/25	2/23	3/25	4/23	5/23	6/21	7/21	8/19	9/18	10/17	11/16	12/15
1907	1/14	2/12	3/14	4/13	5/12	6/11	7/10	8/9	9/7	10/7	11/5	12/5
1908	1/3	2/2	3/2	4/1	4/30	5/30	6/28	7/28	8/27	9/25	10/25	11/23
1909	1/21	2/20	3/21	4/20	5/19	6/18	7/17	8/16	9/14	10/14	11/12	12/12
1910	1/11	2/9	3/11	4/9	5/9	6/7	7/7	8/5	9/4	10/3	11/2	12/1
1911	1/29	2/28	3/30	4/28	5/28	6/26	7/26	8/24	9/23	10/22	11/21	12/20
1912	1/19	2/17	3/18	4/16	5/16	6/14	7/14	8/13	9/11	10/11	11/9	12/9
1913	1/7	2/6	3/7	4/6	5/5	6/4	7/3	8/2	8/31	9/30	10/29	11/28
1914	1/26	2/25	3/26	4/25	5/24	6/23	7/22	8/21	9/19	10/19	11/17	12/17
1915	1/15	2/14	3/16	4/14	5/14	6/12	7/12	8/10	9/9	10/8	11/7	12/6
1916	1/5	2/3	3/4	4/2	5/2	5/31	6/30	7/30	8/28	9/27	10/26	11/25
1917	1/23	2/21	3/23	4/21	5/21	6/19	7/19	8/17	9/16	10/15	11/14	12/14
1918	1/12	2/11	3/12	4/11	5/10	6/9	7/8	8/7	9/5	10/5	11/3	12/3
1919	1/1	1/31	3/2	3/31	4/30	5/29	6/28	7/27	8/26	9/24	10/24	11/22
1920	1/20	2/19	3/19	4/18	5/17	6/16	7/16	8/14	9/13	10/12	11/11	12/10
1921	1/9	2/7	3/9	4/7	5/7	6/5	7/5	8/3	9/2	10/1	10/31	11/30
1922	1/28	2/26	3/28	4/26	5/26	6/24	7/24	8/22	9/21	10/20	11/19	12/18
1923	1/17	2/16	3/17	4/16	5/15	6/14	7/13	8/12	9/10	10/10	11/8	12/8
1924	1/6	2/5	3/5	4/4	5/3	6/2	7/2	7/31	8/30	9/28	10/28	11/26
1925	1/24	2/23	3/24	4/23	5/22	6/21	7/20	8/19	9/17	10/17	11/16	12/15

TABLE 3 (CONTINUED) DATES OF NEW MOON (YEAR 1950)M/DAY

1926	1/14	2/12	3/14	4/12	5/12	6/10	7/10	8/8	9/7	10/6	11/5	12/4
1927	1/3	2/2	3/3	4/2	5/1	5/31	6/29	7/29	8/27	9/26	10/25	11/24
1928	1/22	2/20	3/21	4/19	5/19	6/18	7/17	8/16	9/14	10/14	11/12	12/12
1929	1/10	2/9	3/10	4/9	5/8	6/7	7/6	8/5	9/3	10/3	11/2	12/1
1930	1/29	2/28	3/29	4/28	5/27	6/26	7/25	8/24	9/22	10/22	11/20	12/20
1931	1/19	2/17	3/19	4/17	5/17	6/15	7/15	8/13	9/12	10/11	11/10	12/9
1932	1/8	2/6	3/7	4/5	5/5	6/4	7/3	8/2	8/31	9/30	10/29	11/28
1933	1/26	2/24	3/26	4/24	5/24	6/22	7/22	8/20	9/19	10/19	11/17	12/17
1934	1/15	2/14	3/15	4/14	5/13	6/12	7/11	8/10	9/8	10/8	11/6	12/6
1935	1/5	2/3	3/5	4/3	5/3	6/1	7/1	7/30	8/29	9/27	10/27	11/25
1936	1/23	2/22	3/22	4/21	5/21	6/19	7/19	8/17	9/16	10/15	11/14	12/13
1937	1/12	2/10	3/12	4/10	5/10	6/8	7/8	8/6	9/5	10/5	11/3	12/3
1938	1/1	1/31	3/1	3/31	4/29	5/29	6/27	7/27	8/25	9/24	10/23	11/22
1939	1/20	2/19	3/20	4/19	5/18	6/17	7/16	8/15	9/13	10/13	11/11	12/11
1940	1/9	2/8	3/8	4/7	5/7	6/5	7/5	8/3	9/2	10/1	10/31	11/29
1941	1/27	2/26	3/27	4/26	5/25	6/24	7/23	8/22	9/21	10/20	11/19	12/18
1942	1/17	2/15	3/17	4/15	5/15	6/13	7/13	8/11	9/10	10/9	11/8	12/8
1943	1/6	2/5	3/6	4/5	5/4	6/3	7/2	8/1	8/30	9/29	10/28	11/27
1944	1/25	2/23	3/24	4/23	5/22	6/21	7/20	8/19	9/17	10/17	11/15	12/15
1945	1/13	2/12	3/13	4/12	5/11	6/10	7/9	8/8	9/7	10/6	11/5	12/4
1946	1/3	2/1	3/3	4/1	5/1	5/30	6/29	7/28	8/27	9/25	10/25	11/24
1947	1/22	2/20	3/22	4/20	5/20	6/18	7/18	8/16	9/15	10/14	11/13	12/12
1948	1/11	2/9	3/10	4/9	5/8	6/7	7/6	8/5	9/3	10/3	11/1	12/1
1949	1/29	2/27	3/29	4/27	5/27	6/25	7/25	8/24	9/22	10/22	11/20	12/20
1950	1/18	2/17	3/18	4/17	5/16	6/15	7/14	8/13	9/11	10/11	11/9	12/9

TABLE 3 (CONTINUED) DATES OF NEW MOON (YEAR MONTH/DAY)

1951	1/ 8	2/ 6	3/ 8	4/ 6	5/ 6	6/ 4	7/ 4	8/ 2	9/ 1	9/30	10/30	11/28	12/28
1952	1/26	2/25	3/26	4/24	5/24	6/22	7/22	8/20	9/19	10/18	11/17	12/16	
1953	1/15	2/13	3/15	4/13	5/13	6/11	7/11	8/10	9/ 8	10/ 8	11/ 6	12/ 6	
1954	1/ 4	2/ 3	3/ 4	4/ 3	5/ 2	6/ 1	6/30	7/30	8/28	9/27	10/26	11/25	12/25
1955	1/23	2/22	3/23	4/22	5/21	6/20	7/19	8/18	9/16	10/16	11/14	12/14	
1956	1/12	2/11	3/12	4/10	5/10	6/ 8	7/ 8	8/ 6	9/ 5	10/ 4	11/ 3	12/ 2	
1957	1/ 1	1/30	3/ 1	3/30	4/29	5/28	6/27	7/27	8/25	9/24	10/23	11/22	12/21
1958	1/20	2/18	3/20	4/18	5/18	6/16	7/16	8/14	9/13	10/12	11/11	12/11	
1959	1/ 9	2/ 8	3/ 9	4/ 8	5/ 7	6/ 6	7/ 5	8/ 4	9/ 2	10/ 2	10/31	11/30	12/29
1960	1/28	2/27	3/27	4/26	5/25	6/24	7/23	8/22	9/20	10/20	11/18	12/18	
1961	1/16	2/15	3/16	4/15	5/14	6/13	7/13	8/11	9/10	10/ 9	11/ 8	12/ 7	
1962	1/ 6	2/ 4	3/ 6	4/ 4	5/ 4	6/ 2	7/ 2	7/31	8/30	9/28	10/28	11/27	12/26
1963	1/25	2/23	3/25	4/23	5/23	6/21	7/21	8/19	9/18	10/17	11/16	12/15	
1964	1/14	2/13	3/13	4/12	5/11	6/10	7/ 9	8/ 8	9/ 6	10/ 6	11/ 4	12/ 4	
1965	1/ 2	2/ 1	3/ 2	4/ 1	4/30	5/30	6/29	7/28	8/27	9/25	10/25	11/23	12/23
1966	1/21	2/20	3/21	4/20	5/19	6/18	7/17	8/16	9/14	10/14	11/13	12/12	
1967	1/11	2/ 9	3/11	4/ 9	5/ 9	6/ 7	7/ 7	8/ 5	9/ 4	10/ 3	11/ 2	12/ 1	12/31
1968	1/30	2/28	3/29	4/27	5/27	6/25	7/25	8/23	9/22	10/21	11/20	12/19	
1969	1/18	2/16	3/18	4/16	5/16	6/15	7/14	8/13	9/11	10/11	11/ 9	12/ 9	
1970	1/ 7	2/ 6	3/ 7	4/ 6	5/ 5	6/ 4	7/ 3	8/ 2	8/31	9/30	10/30	11/28	12/28
1971	1/26	2/25	3/26	4/25	5/24	6/23	7/22	8/21	9/19	10/19	11/17	12/17	
1972	1/16	2/14	3/15	4/13	5/13	6/11	7/11	8/ 9	9/ 8	10/ 7	11/ 6	12/ 5	
1973	1/ 4	2/ 2	3/ 4	4/ 2	5/ 2	6/ 1	6/30	7/30	8/28	9/27	10/26	11/25	12/24
1974	1/23	2/21	3/23	4/21	5/21	6/19	7/19	8/17	9/16	10/16	11/14	12/14	
1975	1/12	2/11	3/12	4/11	5/10	6/ 9	7/ 8	8/ 7	9/ 5	10/ 5	11/ 3	12/ 3	

TABLE 3 (CONTINUED) DATES OF NEW MOON (YEAR MONTH/DAY)

1976	1/ 2	1/31	3/ 1	3/30	4/29	5/28	6/27	7/26	8/25	9/23	10/23	11/21	12/21
1977	1/19	2/18	3/19	4/18	5/18	6/16	7/16	8/14	9/13	10/12	11/11	12/10	
1978	1/ 9	2/ 7	3/ 9	4/ 7	5/ 7	6/ 5	7/ 5	8/ 3	9/ 2	10/ 2	10/31	11/30	12/29
1979	1/28	2/26	3/28	4/26	5/26	6/24	7/24	8/22	9/21	10/20	11/19	12/19	
1980	1/17	2/16	3/16	4/15	5/14	6/13	7/12	8/11	9/ 9	10/ 9	11/ 7	12/ 7	
1981	1/ 5	2/ 4	3/ 5	4/ 4	5/ 4	6/ 2	7/ 2	7/31	8/30	9/28	10/28	11/26	12/26
1982	1/24	2/23	3/24	4/23	5/22	6/21	7/20	8/19	9/18	10/17	11/16	12/15	
1983	1/14	2/12	3/14	4/12	5/12	6/10	7/10	8/ 8	9/ 7	10/ 6	11/ 5	12/ 5	
1984	1/ 3	2/ 2	3/ 2	4/ 1	4/30	5/30	6/28	7/28	8/26	9/25	10/24	11/23	12/22
1985	1/21	2/19	3/21	4/20	5/19	6/18	7/17	8/16	9/14	10/14	11/12	12/12	
1986	1/10	2/ 9	3/10	4/ 9	5/ 8	6/ 7	7/ 6	8/ 5	9/ 4	10/ 3	11/ 2	12/ 1	12/31
1987	1/29	2/28	3/29	4/28	5/27	6/26	7/25	8/24	9/22	10/22	11/21	12/20	
1988	1/19	2/17	3/18	4/16	5/16	6/14	7/14	8/12	9/11	10/10	11/ 9	12/ 8	
1989	1/ 7	2/ 5	3/ 7	4/ 6	5/ 5	6/ 4	7/ 3	8/ 2	8/31	9/30	10/29	11/28	12/27
1990	1/26	2/24	3/26	4/24	5/24	6/22	7/22	8/21	9/19	10/19	11/17	12/17	
1991	1/15	2/14	3/15	4/14	5/13	6/12	7/11	8/10	9/ 8	10/ 8	11/ 7	12/ 6	
1992	1/ 5	2/ 3	3/ 4	4/ 2	5/ 2	5/31	6/30	7/29	8/28	9/26	10/26	11/24	12/24
1993	1/22	2/21	3/23	4/21	5/21	6/19	7/19	8/17	9/16	10/15	11/14	12/13	
1994	1/12	2/10	3/12	4/10	5/10	6/ 8	7/ 8	8/ 7	9/ 5	10/ 5	11/ 3	12/ 3	
1995	1/ 1	1/31	3/ 1	3/31	4/29	5/29	6/27	7/27	8/25	9/24	10/24	11/22	12/22
1996	1/20	2/19	3/19	4/18	5/17	6/16	7/15	8/14	9/12	10/12	11/10	12/10	
1997	1/ 8	2/ 7	3/ 9	4/ 7	5/ 7	6/ 5	7/ 5	8/ 3	9/ 2	10/ 1	10/31	11/29	12/29
1998	1/27	2/26	3/27	4/26	5/25	6/24	7/24	8/22	9/21	10/20	11/19	12/18	
1999	1/17	2/15	3/17	4/15	5/15	6/13	7/13	8/11	9/10	10/10	11/ 8	12/ 8	
2000	1/ 6	2/ 5	3/ 5	4/ 4	5/ 3	6/ 2	7/ 1	7/31	8/29	9/28	10/27	11/26	12/25

TABLE 3 (CONTINUED) DATES OF NEW MOON (YEAR MONTH/DAY)

2001	1/24	2/23	3/24	4/23	5/22	6/21	7/20	8/19	9/17	10/17	11/15	12/15
2002	1/13	2/12	3/13	4/12	5/11	6/10	7/10	8/ 8	9/ 7	10/ 6	11/ 5	12/ 4
2003	1/ 3	2/ 1	3/ 3	4/ 1	5/ 1	5/30	6/29	7/28	8/27	9/26	10/25	11/24
2004	1/22	2/20	3/21	4/19	5/19	6/17	7/17	8/15	9/14	10/13	11/12	12/11
2005	1/10	2/ 9	3/10	4/ 9	5/ 8	6/ 7	7/ 6	8/ 5	9/ 3	10/ 3	11/ 1	12/ 1
2006	1/29	2/27	3/29	4/27	5/27	6/26	7/25	8/24	9/22	10/22	11/20	12/20
2007	1/18	2/17	3/18	4/17	5/16	6/15	7/14	8/13	9/12	10/11	11/10	12/ 9
2008	1/ 8	2/ 6	3/ 7	4/ 5	5/ 5	6/ 3	7/ 3	8/ 1	8/31	9/29	10/29	11/27
2009	1/26	2/24	3/26	4/24	5/24	6/22	7/22	8/20	9/19	10/18	11/17	12/16
2010	1/15	2/13	3/15	4/13	5/13	6/12	7/11	8/10	9/ 8	10/ 8	11/ 6	12/ 6
2011	1/ 4	2/ 3	3/ 4	4/ 3	5/ 2	6/ 1	6/30	7/30	8/29	9/27	10/27	11/25
2012	1/23	2/22	3/22	4/21	5/20	6/19	7/18	8/17	9/15	10/15	11/13	12/13
2013	1/12	2/10	3/12	4/10	5/10	6/ 8	7/ 8	8/ 6	9/ 5	10/ 4	11/ 3	12/ 2
2014	1/ 1	1/30	3/ 1	3/30	4/29	5/29	6/27	7/27	8/25	9/24	10/23	11/22
2015	1/20	2/18	3/20	4/18	5/18	6/16	7/16	8/15	9/13	10/13	11/11	12/11
2016	1/ 9	2/ 8	3/ 8	4/ 7	5/ 6	6/ 5	7/ 4	8/ 3	9/ 1	10/ 1	10/30	11/29
2017	1/27	2/26	3/27	4/26	5/25	6/24	7/23	8/22	9/20	10/20	11/18	12/18
2018	1/16	2/15	3/16	4/15	5/15	6/13	7/13	8/11	9/10	10/ 9	11/ 8	12/ 7
2019	1/ 6	2/ 4	3/ 6	4/ 4	5/ 4	6/ 2	7/ 2	7/31	8/30	9/29	10/28	11/27
2020	1/25	2/23	3/24	4/22	5/22	6/20	7/20	8/18	9/17	10/16	11/15	12/15
2021	1/13	2/12	3/13	4/12	5/11	6/10	7/ 9	8/ 8	9/ 6	10/ 6	11/ 4	12/ 4
2022	1/ 2	2/ 1	3/ 2	4/ 1	5/ 1	5/30	6/29	7/28	8/27	9/25	10/25	11/23
2023	1/21	2/20	3/21	4/20	5/19	6/18	7/17	8/16	9/15	10/14	11/13	12/12
2024	1/11	2/ 9	3/10	4/ 8	5/ 8	6/ 6	7/ 6	8/ 4	9/ 3	10/ 2	11/ 1	12/ 1
2025	1/29	2/27	3/29	4/27	5/27	6/25	7/25	8/23	9/22	10/21	11/20	12/19

TABLE 3 (CONTINUED) DATES OF NEW MOON (YEAR MONTH/DAY)

2026	1/18	2/16	3/18	4/17	5/16	6/15	7/14	8/13	9/11	10/11	11/ 9	12/ 9
2027	1/ 7	2/ 6	3/ 7	4/ 6	5/ 5	6/ 4	7/ 3	8/ 2	9/ 1	10/30	11/28	12/28
2028	1/26	2/25	3/25	4/24	5/23	6/22	7/21	8/20	9/18	10/18	11/17	12/16
2029	1/15	2/13	3/15	4/13	5/13	6/11	7/11	8/ 9	9/ 8	10/ 7	11/ 6	12/ 5
2030	1/ 4	2/ 2	3/ 4	4/ 3	5/ 2	6/ 1	6/30	7/30	8/28	9/27	10/26	11/25
2031	1/23	2/21	3/23	4/21	5/21	6/19	7/19	8/18	9/16	10/16	11/14	12/14
2032	1/12	2/11	3/11	4/10	5/ 9	6/ 8	7/ 7	8/ 6	9/ 4	10/ 4	11/ 3	12/ 2
2033	1/ 1	1/30	3/ 1	3/30	4/29	5/28	6/27	7/26	8/25	9/23	10/23	11/21
2034	1/19	2/18	3/20	4/18	5/18	6/16	7/16	8/14	9/13	10/12	11/11	12/10
2035	1/ 9	2/ 7	3/ 9	4/ 7	5/ 7	6/ 5	7/ 5	8/ 4	9/ 2	10/ 2	10/31	11/30
2036	1/28	2/26	3/27	4/25	5/25	6/23	7/23	8/21	9/20	10/20	11/18	12/18
2037	1/16	2/15	3/16	4/15	5/14	6/13	7/12	8/11	9/ 9	10/ 9	11/ 7	12/ 7
2038	1/ 5	2/ 4	3/ 6	4/ 4	5/ 4	6/ 2	7/ 2	7/31	8/30	9/28	10/28	11/26
2039	1/24	2/23	3/24	4/23	5/22	6/21	7/21	8/19	9/18	10/17	11/16	12/15
2040	1/14	2/12	3/13	4/11	5/11	6/ 9	7/ 9	8/ 7	9/ 6	10/ 6	11/ 4	12/ 4
2041	1/ 2	2/ 1	3/ 2	4/ 1	4/30	5/30	6/28	7/28	8/26	9/25	10/24	11/23
2042	1/21	2/20	3/21	4/20	5/19	6/18	7/17	8/16	9/14	10/14	11/12	12/12
2043	1/10	2/ 9	3/10	4/ 9	5/ 8	6/ 7	7/ 7	8/ 5	9/ 4	10/ 3	11/ 2	12/ 1
2044	1/29	2/28	3/28	4/27	5/26	6/25	7/24	8/23	9/22	10/21	11/20	12/19
2045	1/18	2/16	3/18	4/16	5/16	6/14	7/14	8/12	9/11	10/10	11/ 9	12/ 8
2046	1/ 7	2/ 6	3/ 7	4/ 6	5/ 5	6/ 4	7/ 3	8/ 2	8/31	9/30	10/29	11/28
2047	1/26	2/24	3/26	4/24	5/24	6/23	7/22	8/21	9/19	10/19	11/17	12/17
2048	1/15	2/14	3/14	4/13	5/12	6/11	7/10	8/ 9	9/ 8	10/ 7	11/ 6	12/ 5
2049	1/ 4	2/ 2	3/ 4	4/ 2	5/ 2	5/31	6/30	7/29	8/28	9/26	10/26	11/24
2050	1/23	2/21	3/23	4/21	5/21	6/19	7/19	8/17	9/16	10/15	11/14	12/13